

**Edwin V. Abaquita, B.S., M.S.**

USFSP Dav 238

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**Research interests:** Linear Statistical Models and Nonlinear Models

**Published papers:**

1. Abaquita, Edwin V., "Development of a Microcomputer Remote Controlled 3-DOF Mini Robot with Interactive Graphic Simulation", DLSU, 1996.  
<http://lib1000.dlsu.edu.ph/record=b1205890>
2. Abaquita, Edwin V. , "Developing a Microcomputer Remote Controlled "Krik" Mini Robot", USC Journal Vol. XX No. 2 , 2004.

**Completed Post Graduate Math and Electrical Engineering courses at University of South Florida – Tampa**

**By Fall 2020 (All 3 semester credit hours)**

1. MAD 5305 Graph Theory
2. EME 6208 Interactive Media
3. MAT 6932 Design of Experiments
4. MAT 5932 Reliability
5. EEL 6597 Wireless Networks
6. STA 6208 Linear Statistical Models
7. STA 6167 Statistics Method II
8. EEL 6593 Mobile Personal Communication
9. MAT 5932 Nonlinear Analysis II
10. MAT 5932 Nonlinear Analysis I
11. EEL 6534 Digital Communication System
12. EDA 6061 Principles of Education Administration

**Renewal to another five years of Professional Educator's Certificate in Math and Computer Science in State of Florida – 2017 to 2022**

**Completed Graduate Education Course at Ashland University – Spring 2017**

1. EDU 6130 Teaching Students with Disabilities

## **Awards:**

Excellence in Teaching Award, one in College (SPC) and two in High School (PMI)  
Recipient, Department of Science and Technology Scholarship Award, Graduate program Recipient,  
Academic Scholarship Award, Undergraduate program

## **Teaching Certificates (State of Florida-expires June 2022, Florida Department of Education No. 921152):**

1. Professional Educator's Certificate in Math 6-12
2. Professional Educator's Certificate in Computer Science K-12

## **Employment:**

**University of South Florida – St Petersburg** August 2015 to Present

College of Arts and Sciences  
140 7th Avenue South  
St. Petersburg, FL 33701-5016  
*Dr. Hemant Pendharkar., Math Program Coordinator*

- Hired as Permanent Math Instructor. Teach the following courses:
  1. MAC 1105 - College Algebra
  2. MGF 1106 - Finite Mathematics
  3. MAC 1147 – Pre-calculus
  4. MGF 1107 – Liberal Arts Math
- College Algebra (MAC1105) coordinator , May, 2018 to Present
- Quality Matters Online Course Certified
- SPC Online Course Certified

**University of South Florida – St Petersburg** August 2013 to Summer 2015

College of Arts and Sciences  
140 7th Avenue South  
St. Petersburg, FL 33701-5016  
*Mrs. Kathleen Gibson., Math Academic Coordinator*

Hired as Visiting Math Instructor. Taught the following courses:

1. MAC 1105 - College Algebra
2. MGF 1106 - Finite Mathematics
3. MAC 1147 – Pre-calculus

**University of South Florida – St Petersburg** January 2013 to August 2013

College of Arts and Sciences  
140 7th Avenue South  
St. Petersburg, FL 33701-5016  
*Mrs. Kathleen Gibson., Math Academic Coordinator*

Hired as Adjunct Math Instructor. Taught the following courses:

1. MAC 1105 - College Algebra
2. MGF 1106 - Finite Mathematics

**St. Petersburg College**

August 2010 to December 2014

Department of Mathematics  
Social Arts Building (SA) 215  
6605 Fifth Avenue North  
St. Petersburg, FL 33710  
(727) 341-3573  
*Mr. David Kolonoski, Math Academic Chair*

Hired as Adjunct College Math Instructor. Taught the following subjects:

1. MAT 0018 - Developmental Math I
2. MAT 0028 - Developmental Math II
3. MAT 1033 - Intermediate Algebra
4. MAT 0022 – Bridge of Success: Math
5. STA 2023 – Statistics
6. MAC1105 – College Algebra
7. MGF 1107 – Liberal Arts Math II
8. MAT1100 – Exploration of Math

**Hillsborough Community College**

August 2012 to August 2013

Department of Mathematics  
P.O. Box 30030  
Tampa, FL 33630-3030  
(727) 341-3573  
*Mr. Robert Hervey, Math Academic Program Manager*

Hired as Adjunct College Math Instructor. Taught the following subjects:

1. MAT 0018 - Developmental Math I
2. MAT 0028 - Developmental Math II

**Pinellas Marine Institute**

August 2004 to March 2010

3101 Gulf Boulevard  
St. Pete Beach, FL 33706  
(727) 471-0390  
*Ms. Patty Burrows, Director of Education*

Hired as Full-time Certified Math Teacher for Middle and High School youth at risk. Taught the following subjects:

1. Math 6-12
2. Pre-Algebra
3. Algebra 1A
5. Geometry
6. Business Math
7. Lib. Arts Math

4. Algebra 1B

8. Algebra 2

Also, taught computer science classes.

**Schiller International University**

January 2008 to May 2009

300 East Bay Dr  
Largo, FL 33770  
(727)738-6379

Dr. Lyman Hussey, Director

Hired as Professor in M.S. in Computer Engineering graduate program. Taught the following graduate subjects:

1. CE501 – Fundamentals of Electrical Engineering
2. CE509 – Computer Architecture

**ITT Technical Institute**

August 2008 to December 2008

3491 Gandy Blvd., Suite 101  
Pinellas Park, FL 33781  
(727)209-4700

Natasha Thompson, Chair

Hired as Adjunct Faculty in Electronics Technology program. Taught the following subject:

1. ET 255 – Digital Electronics

**Central Florida College**

February 2007 to January 2009

6565 Ulmerton Road  
Largo, FL 33771  
(727) 531-5900

Barbara Doran, Director

Hired as Adjunct Faculty. Taught the following subjects:

1. GE 202 College Math
2. GE 207 College Algebra

**University of San Carlos**

October 1999 to May 2004

*Department of Computer Engineering*  
Nasipit, Talamban, Cebu City  
Philippines  
(6332) 344 -3801  
*Dr. Jomari Maja, Chairman*

Hired as Full-time Teacher with a rank of **Assistant Professor 3**. Assigned as Project Coordinator, Adviser and Panelist. Developed teaching course materials. Taught the following subjects:

1. Microprocessor Systems
2. Switching Theory & Logic Circuit
3. Probability & Statistics
4. Advanced Engineering Math
5. Computer Fundamentals & Programming
6. Microcomputer Hardware Design
7. Numerical Methods
8. Computer Systems Architecture & Interfacing Tech.
9. Elements of Research
10. Design Project
11. Computer Organization with Assembly Language
12. Advanced Logic Circuit Analysis and Design

**University of San Carlos**  
*Department of Graduate Engineering*  
Nasipit , Talamban, Cebu City  
Philippines  
(6332) 344 -3801  
*Dr. Nic Buenconsejo, Chairman*

June 1999 to October 2002

Hired as Part-time Teacher with a rank of Assistant Professor. Taught Robotics, Advanced Engineering Math and Advanced Computer Programming subjects. Assigned as Thesis Adviser and Panelist.

**STI College - Cebu**  
*IT Department*  
Salinas Drive  
Lahug , Cebu City  
(6332) 231-4984  
*Ms. Minchu Decena, Chief Operating Officer*

June 1999 to October 1999

Hired as Dean. Supervised 15 computer faculty members. Formed faculty research and development. Established a leadership culture by encouraging applied leadership skills and increased staff participation. Scheduled course offerings and give faculty loading. Developed and administered short term computer special programs. Taught Turbo C Programming subject , Math and Logic Design & Swithing. Administered Faculty Evaluation.

**University of San Carlos**  
*Department of Graduate Engineering*  
Nasipit , Talamban, Cebu City  
Philippines 6000  
(6332) 344-3801  
*Dr. Nic Buenconsejo, Chairman*

June 1997 to March 1998

Hired as Part-time Teacher with a rank of Assistant Professor. Taught Robotics, Advanced Engineering Math and Advanced Computer Programming subjects. Assigned as Thesis Adviser and Panelist.

**STI College**  
*Central Office*  
Republic Glass Building  
196 Salcedo Street  
Legaspi Village, Makati City  
Philippines 1200  
(632) 818-8534  
*Ms. Erience Lao, Academic Manager*

June 1998 to December 1998

Hired as Teacher with a rank of Assistant Professor. Taught Computer subjects. Assigned as Dean / Thesis Coordinator at STI College Edsa Crossing branch. Handled Computer trainings. Assigned as Evaluator for STI branches faculty members who want to teach certain subjects.

**University of the Visayas**  
*College of Computer Studies*  
Colon Street, Cebu City  
Philippines 6000  
(6332) 254-1702 ; 416-7991

June 1996 to June 1999

*Mr. Laurence Gullas Lucero, Assistant Vice-President*

Hired as Dean . Supervised 28 computer faculty members. Formed faculty research and development. Established a leadership culture by encouraging applied leadership skills and increased staff participation. Scheduled course offerings and give faculty loading. Developed and administered short term computer special programs. Upgraded computer facilities and introduced Internet in the curriculum. Established academic and industry linkages. Taught Computer Architecture subject ,math and electronics subjects in B.S. and Associate in Computer Science and Computer Technician. Taught Windows 95, Microsoft Office 97 and Internet Course.

**University of Immaculate Conception**

Summer 1997 and Summer 1999

*Graduate School*  
Fr. Selga Street, Davao City  
Philippines 8000  
(6382) 221-8090

*Dr. Alicia Sayson, Dean-Graduate School*

Hired as Visiting Professor and Consultant. Handled Robotics subject in Master of Arts in Engineering Education Major in Electronics and Communication Engineering. Assisted graduate students in making their first robot prototype.

**University of Mindanao**

First semester School Year 1998-1999

*Graduate School*  
Matina, Davao City  
Philippines 8000

*Mrs, Carmencita Vidamo, Dean-College of Engineering*

Hired as Visiting Professor. Handled Data Network subject in Master of Engineering Program. Assisted graduate students in making their first computer network configuration and design.

**PCI Automation Center**

February ,1995 to September 1995

*D A D-Microsystems*  
PCIBank Tower 2  
Makati Avenue ,Makati City  
Philippines 1200  
(632) 818-3936

*Mr. Bobby Reyes, Manager*

Hired as Programmer. Then, later became the EDP Worstation Coordinator. Supervised 5 computer programmers. Established short term computer software and computer virus prevention and detection literacy courses. Organized the bank's mini computer software and book library by a computerized system. Formed research and development group for new computer software and hardware products. Designed some computer networks in the PCIBank main office and branch offices.

**AMA Computer Learning Center**

January, 1994 to September, 1994

4<sup>th</sup> Floor, Sonlie International Building  
Gil Puyat corner Taft Avenue, Pasay City  
Philippines 1300  
(632) 831-5659

*Ms. Jocelyn Lizardo, Branch Director*

Hired as Part-time Computer Teacher. Taught the following subjects:

1. Basic Electronics with laboratory experiments
2. Basic Electricity with laboratory experiments
3. Pascal Programming
4. Digital Systems with laboratory experiments
5. Microprocessor Operation
6. Linear ICs
7. Fabrication and Repair of Computer
8. Elementary Algebra
9. Programming Language Formulation using Turbo Basic
10. Programming in Turbo C
11. Instrumentation and Control with lab experiments
12. Entry Level Computer Maintenance

**University of the Visayas**

October, 1992 to October, 1993

*Computer Science Department*

Colon Street, Cebu City

Philippines 6000

(06332) 254-1702 ; 416-7991

Mr. Laurence Gullas Lucero, Assistant Vice-President

Hired as Systems Analyst and at the same time Computer Teacher. Maintained enrollment system - RPG program running in IBM AS/400 system. Taught all major subjects in B.S. and Associate in Computer Science.

**Felipe R. Verally Memorial Foundation, Inc.**

October, 1991 to October, 1992

Clotilde Hills, Dakit

Bogo, Cebu

Philippines

*Merlino Anciano, Personnel Officer*

Taught all major subjects in Computer Technology , Algebra and Trigonometry.

**Education:**

**University of South Florida**

Florida, USA

**2006 to 2020**

**Graduate Math courses – 21 credit hours**

**Ph.D. E.E. courses – 9 credit hours**

**Education courses - 6 credit hours**

**St. Petersburg College**  
Florida, USA  
2006

**Math Education courses**  
28 credit hours  
G.P.A. = 4.0 = "A"

**University of the Philippines**  
Diliman, Quezon City  
Philippines  
2003 to 2004

**Ph.D. in Electrical Engineering**  
12 credit hours

**De La Salle University**  
2401 Taft Avenue,  
Manila, Philippines 1004  
1994 to 1996

**M. S. in Manufacturing Engineering (Graduated)**  
Thesis: "Development of a Microcomputer Remote Controlled 3-DOF  
Mini Robot with Interactive Graphic Simulation."  
G.P.A. 2.826 = 87%

**Cebu Institute of Technology University**  
N. Bacalso Avenue  
Cebu City, Philippines 6000  
1986 to 1991

**B. S. in Computer Engineering (Graduated)**  
Design Project: "Microprocessor Controlled Centralized Book  
Distributor System"  
G.P.A. 4.4457 = 89%

**Cebu Technical University**  
M. J. Cuenco Avenue  
Cebu City, Philippines 6000  
1982 to 1986

High School Diploma - First Honor

**Tabunoc Elementary School**  
Tabunoc , Talisay  
Cebu, Philippines  
1976 to 1982

Elementary School Diploma – Valedictorian

## **Personal Achievements:**

Graduated Valedictorian in Elementary Education. Honor Roll in High School in all 4 years. Graduated First Honor in High School Education. President of the senior class and Writer of the School Paper in High School. Received numerous awards in High School Technical Drawing. Varsity player in High School Volleyball team. Academic Scholar and Dean's lister in College in all 5 years. Elected President of the Batch of Computer Engineering. Graduated top 10 from the college graduating class. Awarded as Mathematician of the Year 1990 for the entire College of Engineering. Department Of Science and Technology Scholarship Grantee in Masteral Program under ESEP program (Engineering and Science Education Project). Math and Computer teacher for almost 12 years. Strong administrator with 4 years experience of about 28 faculty members heading successful implementation of good education with extensive faculty development. Maintain above average rating from teacher's evaluation conducted by students, co-teachers, and administrators. Totally familiar in extensive Research and Development; Personal Computer Repair and Troubleshooting; and all major computer programs and operating systems. Got Professional Florida teaching certificate in Math 6-12 and Computer Science K-12. Completed all education courses at St. Petersburg College and University of South Florida with all grades in "A's". Got "Employee of the month" award in Pinellas Marine Institute last June, 2007 and July, 2009. Earned first aid / CPR training. Trained in CPI (Crisis Prevention Intervention) and PAR (Protective Action Response). Got an "Excellence in Teaching Award" at St. Petersburg College on 2012.

## **References:**

Available upon request