Curriculum Vitae

Name   Arup R. Guha

Education

- M.S.   Computer Science, University of Wisconsin, Madison, WI (May, 1999)
- B. S.   Computer Science, Massachusetts Institute of Technology, MA (June, 1997)
- B. S   Mathematics, Massachusetts Institute of Technology, Cambridge, MA, (June, 1997)
- High School Diploma, Orange County District School Board, Orlando, FL, (June 1993)
- International Baccalaureate Diploma, Geneva, Switzerland, (July 1993)

Appointments

- Lecturer, School of Electrical Engineering and Computer Science, University of Central Florida, Orlando, FL May 2003 – Present (Taught Pascal, Computer Science I, Discrete Structures, Tools for Algorithm Analysis, Discrete Structures II, Computer Science II, Programming Languages, Object Oriented Programming, Computer Science III, Introduction to Cryptography, Introduction to C Programming, Topics in Computer Science, Introduction to Algorithms, Honors Mathematical Modeling, Numerical Calculus)

- Visiting Lecturer, School of Electrical Engineering and Computer Science, University of Central Florida, Orlando, FL August 1999 – May 2003

- Adjunct Teacher, University High School, Orlando, FL August 2007 – May 2010 (Have taught IB HL Mathematics, Analysis of Functions, Algebra I-B, and AP Computer Science A)

- Adjunct Teacher, Winter Park High School, Winter Park, FL August 1999 – May 2007 (Taught Theory of Knowledge and Higher Level Mathematics for International Baccalaureate Program)

Educational Contributions

- 2002 - 2012, Instructor, Burnett Honors College Summer Institute (Sole faculty member in charge of academics for accelerated summer program in computer science. Website: http://bhcsi.honors.ucf.edu.)

- 2003 - Present, Coach for the UCF Programming Team (The team has qualified for the World Finals in every year from 2004 through 2012, except 2011.)

Professional Activities

- 2000 – 2009 (Aug), Foundation Exam Involvement (The department requires students to pass the Foundation Exam in order to declare themselves as Computer Science majors. I have developed exam questions, graded and run review sessions for this exam.)

- 2009 (Aug) – Present, Foundation Exam (in charge of administering the exam)

- 2009 – 2011, Participant in NSF Grant #0837320 (Undergraduate Computer Security Course Enhancement), PI Dr. Ratan Guha (UCF)

- 2010 – 2012, Participant in NSF Grant #0939081 (CPATH2: Collaborative Research: Incorporating Communication Outcomes into the Computer Science Curriculum), PI Dr. Janet Burge (Miami University)

- 2013, Order of Pegasus Committee Member

Recognition and Awards

- Promoted to Associate Instructor, effective August 2013
- UCF Excellence in Undergraduate Teaching Award – April 2012
- Only UCF Faculty Member featured in Florida Trend Article "Successes: Notable Professors and Departments at Florida Universities" in July of 2011.
- UCF Teaching Incentive Program (TIP) Award – April 2009
- UCF Excellence in Undergraduate Teaching Award – April 2008
- LINK First Year Advocate – April 2008

Service Activities

- Junior Knights (2011 – Present) – With Dr. Lobo, teaching HS students programming, 20 Saturdays a year
- Achieving a College Education Day (2008 – Present)
- Florida Education Fund Career Day (2007 – 2012)
- Give various lectures at area high schools

Publications

- 2011 – Wrote custom textbook for COP 3223: <u>C Knights: An Introduction to Programming in C</u>, Pearson: Boston, MA, 2011, 300 pages. (ISBN-13: 978-0-558-85807-0)

Professional Development Activities

- 2011 Summer IDL 6543 Participant (Training to teach online courses)
- 2011 Summer FCTL Conference Participant (Teamed with Dr. Vajravelu from Math)
- 2012 Summer WAC (Writing Across the Curriculum) Fellow (Teamed with Dr. Mohapatra from Math)