

STEVEN DANIEL DANG

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EDUCATION

University of Houston

Expected Grad. Spring 2016

Bachelors of Science in Mathematics, Junior

Minors in Computer Science, Economics

GPA: 3.59 Overall, 3.54 Major Specific (4.0 Scale)

Related Coursework:

Calculus, Statistics, Probability, Advanced Linear Algebra, Discrete Mathematics, Ordinary Differential Equations, Partial Differential Equations, Abstract Algebra, Complex Analysis, Computer Science I & II, Computer Organization

RELEVANT EXPERIENCE

Scholar Enrichment Program, Workshop Co-Facilitator

August 2014 – Present

Developed instructional material for and led calculus-based physics workshop sessions. Assisted students with material on Newtonian mechanics, thermodynamics, electromagnetism, and linear optics.

Private Mathematics and Sciences Tutor

August 2012 – Present

Produced external curriculum and supplemental instruction for physics, biology, chemistry, and mathematics at the high school through elementary levels.

Rice University: Center for Theoretical Biological Physics, Research Intern

May 2014 – Sept 2014

Implemented network models and conducted data analysis and system prediction of metastatic cancer cells. Designed an accurate prediction of system behavior. Coded primarily in FORTRAN.

Huber Tennis Ranch, Coach & Office Clerk

February 2010 – May 2014

Coached students ages 6-15 in the fundamentals of tennis. Volunteered twice a month with at-risk and disabled individuals. Performed clerical office duties including stock, inventory, and kept client database up-to-date.

Adidas, Team Lead

March 2010 – August 2012

Increased daily sales by providing an optimal customer experience and suggesting higher valued products. Trained new-hires on product sales points and customer satisfaction assurance.

SKILLS

Programming: Proficient in Java, FORTRAN, Mathematica
Familiar with Python, Awk, Gnuplot, Linux

Languages: English – native language
Vietnamese – high auditory proficiency
Spanish – speak, read, and write with basic competence

MEMBERSHIPS

Natural Sciences and Mathematics Collaboration Initiative, *Founder & President*

Society of Physics Students, *Vice President*

Peer Assistance and Leadership (mentor to at-risk and disabled students)

AWARDS

Charles P. Benner Endowment Scholarship

January 2015 - Present

Houston-Louise Stokes Alliance for Minority Participation Fellow

August 2014 - Present

Academic Excellence Scholarship, University of Houston

May 2012 - Present

NSM Excellence Award, University of Houston

August 2012 - Present

University of Houston Dean's List

August 2012 - Present

President's Volunteer Service Award

May 2010- May 2012