

DIANE TAM

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📍 Boston, MA

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EDUCATION

University of Massachusetts Amherst

B.S. Computer Science and Mathematics, Minor in Economics

3.75 GPA, Member of the Commonwealth Honors College, Dean's List Honors (all semesters)

September 2014 – December 2017

Amherst, MA

SKILLS

Programming Languages: Python, Java, Ruby, C, PL/SQL

Technologies: HTML, CSS, JavaScript, Ruby on Rails, Oracle APEX

Operating Systems: Windows, Unix/Linux, Mac OSX

Languages: English, Cantonese (conversational fluency), Spanish (limited working proficiency)

RELEVANT COURSEWORK

Computer Science: Algorithms for Data Science, Information Systems (Honors), Search Engines, Software Engineering, Computer Systems Principles, Reasoning Under Uncertainty, Intro to Computation, Programming Methodology, Intro to Algorithms, Intro to Computer Graphics (Honors), Intro to Human Computer Interaction

Mathematics: Multivariable Calculus (Honors), Intro to Linear Algebra, Intro to Probability Honors

Economics: Intermediate Microeconomic Theory, Intermediate Macroeconomic Theory, Econometrics

EMPLOYMENT

Software/Database Engineer

Fidelity Investments

May 2016 – August 2016

Boston, MA

- Developed and delivered a business solution for Global Equity Trading desk to onboard Fidelity's brokers
- Exposed inefficiencies and reversed-engineered current processes, saving clients 45 minutes for each setup/update-- approximately a 90% reduction in cycle time
- Spearheaded intern Scrum team's development and successfully built our product in production within 12 weeks
- Pushed for code reviews with full time database developers and led technical demo meetings with clients

Web Developer

UMass Amherst Information Technology

June 2015 – Current

Amherst, MA

- Develop and maintain ETNA, a web-based application used daily by faculty, employee, and public users for attendance, payroll, reservation, issue tracking, etc. purposes
- Utilize Ruby on Rails framework and front-end web development technologies including JQuery, HTML/HAML, and CSS to improve ETNA usability

CMPSCI 121 Course Grader

UMass Amherst College of Information and Computer Sciences

January 2016 – May 2016

Amherst, MA

- Grade and provide extensive feedback on roughly 75 student projects bi-weekly for CMPSCI 121, Introduction to Problem Solving with Computers, course at UMass Amherst
- Topics include objects, classes, primitive types, looping and conditionals, inheritance, etc.

AWARDS

CMPSCI 305 Course Citation – University of Massachusetts Amherst

March 2016

- Awarded by Professor Barna Saha "for outstanding overall performance in Algorithms for Data Science."

CMPSCI 590D Course Citation – University of Massachusetts Amherst

June 2016

- Awarded by Professor Michelle Trim "for exceptional care and overall quality in writing" in Social Issues in Computing

Winning Google Cardboard Hack – HackHolyoke

November 2015

- "Find the Bat" Unity3D project done using Google Cardboard API. Source code available on github.

ACTIVITIES

UMass CSWomen's Group Co- Chair

September 2016 – Present

- Organize CSWomen events and outreach to undergraduate student population, focus on female-identified CS students

Chancellor's Undergraduate Advisory Council Member

September 2016 – May 2017

- Met monthly with Chancellor Kumble R. Subbaswamy to discuss issues of concern or student perspectives across campus