

Diane Tam

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Objective

Seeking a summer internship to explore and apply my programming and object-oriented design software development skills acquired in the classroom in a real world team-based setting. Additionally looking to apply my economic background to make efficient decisions in a rapidly changing culture.

Education

University of Massachusetts Amherst

September 2014 - May 2018

B.S. in Computer Science and Mathematics, Minor in Economics
Software Engineering CS subplan

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

Skills

Technical Skills

Languages: Java, C, Ruby, Python, Scala

Technologies: HTML, CSS, git, Javascript, AJAX, Ruby on Rails, MySQL, Unity3D

Operating systems: Windows, Unix and Linux, Mac OSX

Languages

English, Chinese (Cantonese), Spanish (Limited working proficiency)

Relevant Coursework

Computer Science

- CS187- Programming with Data Structures
- CS240- Reasoning Under Uncertainty
- CS331- Intro to Algorithms
- CS197U-ST- A Hands on Intro to Unix
- CS220- Programming Methodology
- CS250- Intro to Computation
- CS320- Software Engineering
- CS197C-ST - Programming in C
- CS230- Computer Systems Principles
- CS305- Social Issues in Computing
- CS373H- Intro to Computer Graphics Honors

Mathematics

- Stat 515H - Intro to Probability Honors
- Math 233H - Multivariable Calculus Honors
- Math 235- Intro to Linear Algebra

Work Experience

Student Programmer, University of Massachusetts Amherst IT

Amherst, MA — June 2015 - Present

- Develop ETNA, a web-based application, using Ruby on Rails framework and other front-end web development technologies including Javascript, JQuery, AJAX, HTML, and CSS to manage UMass IT Computer Classrooms for faculty, employee, and public users
- Experimented with different unit behavior driven development testing frameworks, ie. cucumber
- Discussed new ideas and engaged in code reviews with programming team

Computer Classroom Consultant, University of Massachusetts Amherst IT

Amherst, MA — September 2014 - May 2015

- Administered tier one hardware and software tech support for student and faculty users in UMass Amherst's Computer Classroom locations.
- Maintained a user-friendly environment by enforcing classroom policies and performing inventory/cleaning tasks
- Checked in other consultants for shifts and ensured quick coverage for shifts with no-shows

Assistant Secretary, ACS Development

Woburn, MA — October 2012 - September 2014

- Utilized exceptional organizational skills to archive legal documents and create administrative spreadsheets via Excel.
- Increased office efficiency when retrieving archived files by scanning documents to a local server
- Exhibited excellent communication skills and customer service in answering current and prospective tenant inquiries.

Activities & Hobbies

UMass CS Women, Collegiate hackathons