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Education

Tufts University
Bachelor of Science, Computer Science, Bachelor of Arts English

Medford, MA
May 2017

Employment

Tufts University Computer Science Department

Teaching Assistant, Programming Languages Course

Tufts University
October 2015-Present

- Grade programming and theory assignments individually and with other teaching assistants
- Answer students' questions about assignments and help debug code

Redline Trading Solutions

Software Development Intern

Woburn, MA
May 2015-August 2015

- Developed automated regression tests for Software Quality Assurance team
- Worked with engineers to identify source of test failures and modified existing code accordingly
- Simplified existing Python tests by converting them to Python unit tests

Worth Publishers (Macmillan Higher Education)

Media Intern

New York, NY
May 2014-August 2014

- Command of written communication when corresponding with editors and editing textbook supplements
- Read and reviewed online learning resources for accuracy, grammatical correctness, and visual appeal

Skills & Relevant Coursework

Languages: fluency in C, C++, and Python, proficient in HTML5/CSS, JavaScript + jQuery, SML, Erlang, experience with x86 Assembly code

Technologies: GitHub/Git, Stash, Bamboo, JIRA, MongoDB, Heroku

Relevant Courses: Data Structures, Algorithms, Concurrency, Programming Languages, Web Programming, Machine Structure & Assembly-Language Programming, Discrete Mathematics

Foreign Languages: 5 semesters of college-level Chinese (conversational)

Activities

Women in Computer Science

Class of 2017 Representative, January 2014-May 2014

Tufts University
January 2014-present

- Fostered a community amongst female students in computer science department through club events
- Advised women new to computer science on future courses and involvement in the department

Let's Get Ready

SAT Verbal Tutor

Somerville High School
January 2014-May 2014

- Encourage students from low-income areas to attend college through college application and SAT prep
- Plan and lead lessons in grammar, vocabulary reading, and writing; general classroom management
- Communicate effectively to students and adapt teaching styles to needs of the class

Recent Projects

TBD (The Best Dish) webapp (2015): written in HTML/CSS, and JavaScript, used Node.js and MongoDB, collaborated with three other developed to create a website that allowed users to search for a certain dish and receive a list of restaurants local to Tufts that serve the dish along with rankings of it, implemented a login/user and dish-ranking systems using MongoDB to store user data

Abstract Game Solver: written in SML, abstract game solver for simple two player games (eg. Tic-Tac-Toe, Connect 4 and Nim) using exhaustive search method, which, at any configuration of the game, considers all possible moves for the solver and the opponent and chooses move that is worst for the opponent

Craigslist web scraping (personal project, 2014): written in Python; finds funny ads from Craigslist personal ads of New York by going through Craigslist ad pages, retrieving titles of ads and searching the titles for keywords. Used XPath and LXML to scrape titles.