

MARGARET GORGUISSIAN

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EDUCATION

Tufts University • Medford, MA

Expected Graduation: December 2018 • GPA: 3.57

Bachelor of Science (B.S.) in Computer Science • Science, Technology and Society

Relevant Coursework: Data Structures • Computer System Security • Algorithms
Machine Structure and Assembly Language Programming
Database Systems • Programming Languages

WORK EXPERIENCE

SurveyMonkey • *Software Engineering Intern • Growth Team* June 2018 - Aug 2018

- Built proof of concept A/B testing service for single page React apps
- Integrated Slack with the internal A/B testing platform to provide notifications when experiments are updated or changed
- Added functionality to the internal A/B testing platform to allow for the import, export, and syncing of experiments using AJAX, JavaScript, Python, SQL, and the Pyramid web framework

Tufts Computer Science Department • *Teaching Assistant* Jan. 2017 - Present

- Led a weekly lab to teach data structures and basic algorithms
- Provided debugging and program planning support to students in daily office hours
- Developed curriculum and wrote project specs for introductory computer science students

Spice & Tea Exchange of Alexandria • *Sales Associate* May 2017 - Aug. 2017

Commonwealth Joe • *Street Team Member* May 2016 - Aug. 2016

SKILLS

Programming: C • C++ • Python • JavaScript • HTML/CSS

Tools: Git • GDB • Valgrind • Unix

Technologies: Flask • AWS • Alexa • Twitter API • Facebook Graph API • Slack API

Spoken Languages: English (fluent) • Arabic (working proficiency)

PROJECTS

Alexa Astrologer • Python • JavaScript • AWS

- Extracted birth chart data using a Python web scraper, hosted using AWS Lambda
- Designed Alexa UI using Amazon Developer tools and JavaScript to create an Alexa skill that allows user to receive their birth chart information

@KylieMarxBot • Python

- Generated and posted random tweets using file I/O, Markov chains, and the Twitter API

Wilx • JavaScript • CSS

- Built JavaScript calculator for finding Wilks score (a measure of strength) of powerlifters

ACTIVITIES / INTERESTS

IBM X-Force Student Capture the Flag • *Winning Team* Apr 2018

Tufts Computer Science Exchange • *Vice President* Dec. 2017 - Present

Tufts Women in Computer Science • *Underclassmen Representative* Apr. 2017 - Dec. 2017

- Organized cybersecurity panel and secured conference speakers for WiT conference