

MARGARET GORGUISSIAN

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EDUCATION

Tufts University • Medford, MA

Expected Graduation: 2019 • GPA: 3.57

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

Relevant Coursework: Data Structures • Cybersecurity and Warfare

Machine Structure and Assembly Language Programming

SKILLS

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

Tools: Git • GDB • Valgrind • Unix

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

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

PROJECTS

Alexa Astrologer • Python • JavaScript • AWS

- Extracted birth chart data in JSON format 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 accessed through Tweepy

Wilx • JavaScript • CSS

- Built JavaScript calculator for finding Wilks score of recreational powerlifters
- Designed front-end using CSS, building off of the Bootstrap framework.

WORK EXPERIENCE

Tufts Computer Science Department • *Teaching Assistant*

Jan. 2017 - Present

- Assisted in a weekly lab to teach data structures and basic algorithms
- Provided debugging and program planning support to students in daily office hours

Spice & Tea Exchange of Alexandria • *Sales Associate*

May 2017 - Aug. 2017

Commonwealth Joe • *Street Team Member*

May 2016 - Aug. 2016

Old Town Coffee, Tea & Spice • *Sales Associate*

Oct. 2014 - Aug. 2015

ACTIVITIES / INTERESTS

Tufts Computer Science Exchange • *Vice President*

Dec. 2017 - Present

Tufts Women in Computer Science • *Underclassmen Representative*

Apr. 2017 - Dec. 2017

- Communicated with women in the industry and organized conference panels
- Performed outreach to young women in the Tufts Computer Science department

The Tufts Daily • *Contributing Writer*

Feb. 2016 - Sep. 2017

Tufts Film Series • *Co-Chair*

Sep. 2016 - May 2017

Creative non-fiction • Powerlifting • Cyborg feminism • Cyber security