Leland Wu

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EDUCATION

Tufts University, Medford, MA *Expected May 2020*
Bachelor of Science in Computer Science
GPA: 3.67

RELEVANT COURSES

Data Structures, Discrete Mathematics, Machine Structure & Assembly Programming, Web Programming

SKILLS

Programming Languages: C++, C, Python, HTML, CSS, Javascript
Technologies: Flask, Git, Google Cloud, Pandas

PROFESSIONAL EXPERIENCE

Symphony Ventures *Boston MA, July 2017 - Aug 2017*
Research Analyst Intern

- Utilized Pandas to develop an elementary data manipulation tool that extracts relevant information from datasets based on queried keywords
- Analyzed and researched more than 30 internal projects, conducting quantitative analysis on financial metrics regarding Robotic Process Automation projects for companies in the Fortune 500
- Enhanced knowledge capital of the company by developing polished reports on all internal projects for the sales and marketing teams
- Traveled to UK and Poland offices to conduct interviews with consultants in order to perform in-depth analysis on past projects

Tufts University Department of Computer Science *Medford MA, Jan 2017 – Present*
Teaching Assistant – Introduction to Computer Science

- Hold weekly labs to reinforce all concepts taught in the course
- Grade homework assignments and exams while providing personal feedback to students to improve their programming skills

PROJECTS

Speechy *August 2017*

- A terminal-based program that utilizes Google's Speech API and one other third party API to transcribe audio files, and then punctuates the text with approximately 90% accuracy
- Saves files to a CSV along with appropriate labels including the original link, speaker in audio file, etc. Python

Arith *October 2017*

- A program written in C that compresses images by two thirds of its original size by converting image pixels into quantized values and storing them into 32-bit words
- Decompresses the image by unpacking the words and converting them back into pixels
- Compressing and decompressing the same image results in 97 – 99% data retention

EXTRACURRICULAR ACTIVITIES

Tufts TURBO *September 2016 - Present*
Breakdancer

- Attend weekly practices and compete in dance jams in the Greater Boston Area