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Steve Li

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Education

Harvard University
Cambridge MA
Computer Science
Expected Graduation: 2023
Relevant Coursework:
- CS61: Systems Programming and Machine Organization

Concord Carlisle High School
500 Walden St
Concord MA
GPA: 3.97. Honor Roll. Rensselear Award for Mathematics and Science
9/2015 - 6/2019

Work Experience

KtByte | Teacher's Assistant
Lexington MA, September 2016 - September 2019
- Instructed Java and Processing to students ages 8-16, ranging from beginner to college-level material. Assisted teachers in managing classes and hosted office hours for students.

Vitaedev | Co-Founder, Full Stack Web Developer
Greater Boston, March 2016 - March 2018
- Co-founded Vitaedev (viatedev.github.io), a community based organization aimed at creating websites for non-profit groups.
- Created websites for: Lexington Community Education, Lexington High School Senate, Lexington Farm Stand
- Designed websites using a full stack: HTML5, CSS3, PHP, Javascript, MySQL, and Git

BU RISE, Brigham and Women's Hospital | Python Software Developer
Boston MA, July 2018 - August 2018
- Collaborated with Professor Junichi Tokuda to create a speech-processing extension for the 3D-imaging tool, "3D Slicer," that allows surgeons to perform procedures without the need of a technician to operate the computer.
- Used python for speech processing and PyQt for UI.

Software Projects

Personal Website
- https://steve-li.com
- Designed using Bootstrap 4, HTML, CSS, and JS.

CCHS Robotics Website
- Composed a website for my high school robotics team in order to display team info, meetings, and other important announcements.
- Constructed using Bootstrap 4, HTML, CSS, and JS. https://team-3205.github.io/

ustoo - webapp
- Devised an online proof of concept platform where users can post issues and gain support from others in their area, having the ability to contact their local representatives once they gain enough followers.
- Developed during the MIT Blueprint Hackathon 2019 with Hugo Zhang
- Created using Firebase, Bootstrap 4, HTML, CSS

Flappy bird AI
- Produced a basic Flappy bird AI that uses a simple neural network and genetic algorithm that improves upon generation upon generation.
- Developed using Processing.

Smartrockets
- Designed a "smart" rocket system that trains rockets to reach an intended target using a simulated evolutionary-based genetic algorithm.
- Created using Processing.

Technical Skills

- Languages: (proficient): Java, C/C++, HTML/CSS , processing | (familiar): Javascript, python, Git
- Operating Systems: Windows 10 / 8 / 7, OS X, Ubuntu