

Henry Zhou

Education

Tufts University School of Engineering

B.S. Computer Science

Medford, MA

Expected May, 2017

Honors: Dean's List (Every semester)

Coursework: Data Structures, Algorithms, Web Programming, Machine Structure & Assembly-Language Programming, Machine Learning, Natural Speech to Text Processing

Experience

Redline Trading Solutions

Woburn, MA

Software Development Intern

May 2015 – August 2015

- Expanded and improved automated testing framework for greater financial market coverage
- Designed and built logging system recording test automation activity
- Performed various QA duties such as client testing, error reporting using JIRA and communicating with developers, and helped debug errors

Veritas Prep LLC.

Boston, MA

Instructor

July 2014 - ongoing

- Teach holistic SAT Preparation course to high school students
- Instructor for the private SAT preparation company with the highest industry recruitment standards (Must have ≥ 99 Percentile SAT Score)

Projects

Tufts Dining Concept

- Web application conceptualizing a new website for Tufts University Dining Services.
- Full stack development using HTML5/Bootstrap CSS, Heroku, and Express + Node.js framework.
- Adapted for desktop and mobile with ratings/reviews feature of menu items and dynamic SMS capabilities using Twilio

QuizMyth

- SocketIO based web app gamifying learning by creating a PVP quiz game for students. Built with Houghton Mifflin APIs for the HMH EdTech Hackathon

Virtual Tour Mobile

- Virtual Reality application for smartphones allowing users to view and interact with 360 degree content from a first person point of view

Skills

- Computer Languages: C++, C, Javascript, Python, HTML/XML, CSS, VBA
- Platforms/Frameworks: Unix, Express+Node.js, Git, Heroku, Unity, MongoDB
- Fluent in Chinese

Accomplishments

- Scored in the 99th percentile of SAT results and AP scholar
- Two time recipient of NESCAC All-Academic student athlete award
- Organized the "Green Our Schools" Environmental Conference hosted at Concord Academy

Activities

- 360 VR Developer for Boston360Video, a 360° content and VR company
- Member of the Tufts Computer Science Exchange