

Henry Zhou

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Education

Tufts University School of Engineering

Medford, MA

Bachelor of Science in Computer Science

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 broader coverage of codebase
- 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

Boston360Video

Boston, MA

360 degree VR Developer

August 2014 - present

- Developed Virtual Tour Mobile, a mobile application for the viewing of open houses in virtual reality using Google Cardboard
- Designed and implemented front end webpage for the company
- Filmed, stitched, and edited 360 degree video content

Veritas Prep LLC.

Boston, MA

Instructor

July 2014 - present

- 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

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

QuizMyth

- Worked on Socket.IO 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

- Designed and implemented 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/Tools: Unix, Express+Node.js, Git, Heroku, Unity, MongoDB
- Fluent in Chinese

Accomplishments

- Varsity hurdler for Tufts Track and Field: two time recipient of NESCAC All-Academic student athlete award
- Winner of the 2015 Out For Undergrad "Solve for X" Challenge