

Haonan(Alex) Jing

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2537 Regent, Berkeley CA 94704

Education

Bachelor of Arts ,Computer Science, expected graduation: Fall, 2017

UC Berkeley - Berkeley, CA, 94704

Current GPA: 3.863

Dean's Honor: Fa'14, Sp'15, Fa'15

Relevant coursework: Data Structure; Machine Structure; Algorithms; Artificial Intelligence; Operating Systems; Internet Architecture; Machine Learning; Linear Algebra; Discrete Mathematics; Microelectronic Circuits

Skill Highlights

- Proficient with Python, Java, C
- Working knowledge of web development with django/bootstrap
- Familiar with iOS development in Swift
- Team player, strong execution, effective communication

Experience

Teaching staff for data structure and machine structure class

Jan 2016 - Dec 2016

Appointed as (paid) tutor and Undergraduate Student Instructor for various introductory computer science classes at UC Berkeley. Responsibilities include leading discussion sections and labs, writing and grading exams, developing programming assignments and the corresponding software to automatically grade them and handling course logistics, all of which pose stringent requirements on relevant course material and effective technical communication.

Chemistry Instruction Support Facility

Sep 2015 - Jan 2015

Assisted in the Instructional Support Facility for lower division chemistry. Tasks include maintenance of advanced chemistry equipment, inventory database management and equipment software upgrade

Projects

Data Science@Berkeley, infrastructure team

Jan 2016 - May 2016

The team's main task is to develop the landing page (<http://dataconnect.berkeley.edu>) for the new data science initiative at UC Berkeley. As part of the Undergraduate Research Apprenticeship Program, I helped with front-end design, templates development, user feedback and content creation.

Alpha Chi Sigma Fraternity Website

Jan 2015 - Dec 2015

Front-end and back-end development and maintenance of fraternity website. Tasks include managing test bank and photo gallery, upgrading the existing framework and expanding new functionalities.

Tercise: An application to foster healthy working habits

May 2016, ongoing

As a personal side project, Tercise is a terminal-based application written in python that attempts to help sedentary professions such as programmers develop a healthy working style. It could force users to suspend their work at a set time interval and give out an exercise challenge that the users are supposed to finish before they resume their work. The project was inspired by all the pounds I have gained since declaring my major.

SleeC: An iOS app to help with fashion choices

Aug 2016, ongoing

SleeC is another personal side project. It is an iOS app that help user manage their wardrobes and make fashion suggestions. Inspiration from the number of hoodies in my closet.

Activities

Association of Chinese Entrepreneurs@Berkeley

Cal Running Club

Upsilon Pi Epsilon – Computer Science Honor society

2016 SF Half Marathon Finisher