

Wie Hsing Li

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PROJECTS / RESERACH

Front End Web Development

Bronco-Planner: A campus aggregation event planner

2017

- Web service aggregates events and organizes user's schedule
- Developed UI for planner using **JAVA, HTML, CSS, JavaScript, AngularJS**, and **MongoDB**.

Healthy Beats | 24 Hour Hackathon

2017

- Web service that creates a Spotify playlist to help users reach a healthier heart rate depending on the activity they plan to do.
- Developed the views seen on the browser, connected with backend to display the relevant results using **HTML, CSS, JavaScript**, and **AngularJS**.

C++ Developer

Multi-Robot Task Allocation and Formation Control

2015-
2016

- Implemented a task allocation manager which communicates to a team of four robots.
- Using Waypoints from operator, the robot team will alternate between line formation and diamond formation.

Multi-Robot Grouping Behavior

2015-
2016

- Created building blocks for multi-robot swarm/flocking behaviors.
- Implemented aggregation and dispersion behaviors in the Player/Stage simulation using Mataric's approach.

Java Developer

iBox-App

2016

- Tested Functionality of Google Drive client using **Junit** and **Mockito**.
- Incorporated code coverage using **cobertura** and verification using the **CircleCI** service.

Browser Compatibility

2016

- Implemented automated browser compatibility across different browsers (Google Chrome, Mozilla Firefox, and Microsoft Edge) using **Selenium Web Driver**.

EDUCATION

Master's in Computer Science

2015 - Present

California State Polytechnic University, Pomona | GPA: 3.80

Bachelor's in Computer Science and Engineering

2007 - 2012

University of California, Merced

SKILLS

Languages:

JAVA | C++ | MYSQL | RUBY | PYTHON

Web Development:

HTML | CSS | JAVASCRIPT | ANGULARJS

Technologies:

Android SDK | OpenGL | Player/Stage | JUnit | Mockito | WireShark | Aircrack-NG | GIT | SPRING

Systems:

Linux (Ubuntu, Kali) | Windows | OSX

EXPERIENCE

Cal Poly Pomona, Teaching Assistant, Operating Systems

2017

- Review and grade assignments and exams.
- Proctoring Exams

Cal Poly Pomona, Teaching Assistant, Advanced Analysis of Algorithms

2016

- Review and grade assignments and exams.
- Proctoring Exams

D&T Fasteners & Supplies Inc, Office Assistant

2013 -
2015

- Responsible for finances, accounts payable/receivable, inventory management and Information Technology.