Bao Hoang

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EDUCATION

University of California, San Diego, *La Jolla, CA*
Bachelors of Science, Computer Engineering   *September. 2017 – Present.*
Expected Graduation Date: December 2020
GPA: 3.1 / 4.0

Whatcom Community College, *Bellingham, WA*
Associate in Science , Engineering   *September. 2014 – June. 2017*
GPA: 3.7 / 4.0

SKILLS

Related Coursework: Object Oriented Design: Java, Data Structure (C++), Software Engineering
Programming Languages:

- *Proficient*: Python.
- *Familiar*: Java, JavaScript.
- *Experienced with*: HTML, CSS, C, C++.

Technologies: Git, GitHub, Linux, Unix, Solidworks, Jupyter Notebook, React

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EXPERIENCE

ECE Student Council at UC San Diego, *University of California, San Diego*
Treasurer   *June. 2019 – Present.*
- Maintained and updated student council website using React framework (http://eceusc.ucsd.edu/).
- Prepared and organized events for the student council such as movie night, study jam.
- Led workshops to teach about technical skills such as Git, Open Source projects to around 30 students.

Department of Mechanical and Aerospace Engineering , *University of California, San Diego*
Undergraduate Research Intern   *June. 2019 – September. 2019*
- Assembled a functional RC car with components such as motor, servo, pulse width module (PWM), raspberry pi.
- Set up Linux operating system in the raspberry pi to run the RC car.
- Installed and implemented Python library to control the servo and the motor through PWM.
- Implemented Python script and Python library to control the car with keyboards or console.
- Used Solidworks for 3D design the chassis, the mount of a 1:28 scale RC car.

House Dining Hospitality Administration, *UC San Diego, CA*
IT Computer Support   *May. 2019 – June. 2019*
- Provided telephone and in-person customer service for over 1000 employees on campus.
- Installed and troubleshooted software and hardware.
- Set up and tested network connectivity to ensure security for over 500 workstations on campus.

PROJECTS

LibWalk
In-class Project   *October. 2019 – November. 2019*
- Made a web app that allows student to find all the clubs and organizations at UC San Diego.
- Designed front-end using React framework and React Bootstrap.
- Utilized Google Firebase to store data such as clubs 'events, clubs 'description from Google Firebase.
- Used JavaScript to retrieve data from Google Firebase.

Goal
SD Hacks 2019 (Hackathon)   *October 2019*
- Built from scratch a web app with React framework that allows users to keep track of their tasks and challenges.
- Incorporated an API that generates random motivational quotes and showed them on the home page.
- Practiced using Git/GitHub commands such as git branch, git merge, pull stash, git checkout to manage the project.

Facebook Messenger Bot
Personal Project   *May 2019*
- Used Facebook API and Python library to make a messenger bot that updates the result of soccer matches.
- Installed and implemented Python library for web scraping.
- Deployed the app using Python Flask framework.