

# Carter Bao-Dang Phan

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## EDUCATION

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### University of California, Davis

Aug. 2018 – Mar. 2023

B.S. in Computer Science

Davis, CA

- **Relevant Courses:** Data Structures, Computer Networks, Algorithm Design & Analysis, Operating Systems
- 2020 – 2021: External Vice President of the Vietnamese Student Association
- 2019 – 2023: President of the Super Smash Bros. eSports at Davis Club

## WORK EXPERIENCE

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### Kwan Wo Ironworks

Jun. 2022 – Sep. 2022

IT Intern

Hayward, CA

- Managed the workstations of a 30 person office
- Created Python scripts which automated naming and sorting of PDF invoices for easy organization
- Updated the internal server of the workplace to allow for easier system setup and future remote access
- Deployed 23 new systems, troubleshooted any issues on said systems
- Attended meetings with supervisors to discuss how to improve the infrastructure of the office IT system

### Plant Sciences Department IT

May 2019 – Mar. 2023

Student IT

Davis, CA

- Assist full-time staff through equipment transport, database management, & web development.
- Worked with Lead Programmer to migrate code from ASP.NET WebForms to ASP.NET MVC
- Manage databases for staff keys, salvaged equipment, and package delivery

## PROJECTS

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### California Reservoir Water Level

React/CSS/HTML Site

- Provides a graph of California reservoir water levels at any given month of the year to the user
- Utilizes an API call to the California Data Exchange Center to extract the water levels
- Consists of a backend server that handles AJAX requests, and a frontend client that displays the website
- Worked on by a team of 2 (Myself and my partner) for a Web Programming class

### Tiktok Versus

Javascript/CSS/HTML Site

- Extracted videos from a database that users had put in previously, and randomly presents two of them
- User then picks their favorite between the two, and it cycles until a “best” video has been determined
- Consists of a backend server that handles AJAX requests and the SQLite 3 database, as well as a frontend client
- Worked on solo for a Web Programming class

## SKILLS & INTERESTS

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- **Coding Languages:** C; C++; Java; Python; Javascript; Assembly; HTML/CSS
- **Proficient in:** MS Excel; Google/MS Suite; AGILE/SCRUM Framework
- **Interests:** Building game controllers; cycling; cooking; digital photography; soccer; bouldering; snowboarding