

# 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 Fighting Game 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.
- Developed Python scripts to automate the naming and sorting of PDF invoices, improving organization.
- Upgraded the internal server to enhance system setup and enable future remote access.
- Deployed 23 new systems and resolved any related technical issues.
- Participated in meetings with supervisors to discuss infrastructure enhancements for the office IT system.

Plant Sciences Department IT

May 2019 – Mar. 2023

Student IT

Davis, CA

- Assisted full-time staff with equipment transport, database management, and web development.
- Collaborated with Lead Programmer on migrating code from ASP.NET WebForms to ASP.NET MVC.
- Managed databases for staff keys, salvaged equipment, and package delivery.

## PROJECTS

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California Reservoir Water Level

React/CSS/HTML Site

- Developed a dynamic website, focusing on providing users with graphical representations of California reservoir water levels for any given month.
- Utilized RESTful API calls to the California Data Exchange Center to extract the latest water level data, ensuring accurate and up-to-date information.
- Collaborated in a two-person team to create both the backend server, responsible for handling AJAX requests, and the frontend client, which displayed the website interface.
- Demonstrated proficiency in React, CSS, and HTML to create an intuitive and visually appealing UX.
- Successfully completed the project, showcasing effective teamwork, problem-solving skills, and a strong understanding of web development principles.

## 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