Carter Bao-Dang Phan

Carterphan@gmail.com ❖ (925) 998-0706 ❖ San Ramon, CA
GitHub: CarterPhan ❖ LinkedIn: carterphan

EDUCATION

University of California, Davis   **Aug. 2018 – Mar. 2023**
B.S. in Computer Science   Davis, CA
- **Relevant Courses:** Data Structures, Computer Networks, Algorithm Design & Analysis, Web Programming
- 2020 – 2021: External Vice President of the Vietnamese Student Association
- 2019 – 2023: President of the Fighting Game eSports at Davis Club

WORK EXPERIENCE

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 Web Forms to ASP.NET MVC.
- Utilized GitHub for version control and collaboration on code development and management.
- Managed databases for staff keys, salvaged equipment, and package delivery.

PROJECTS

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

- **Coding Languages:** C; C++; Java; Python; React.js; JavaScript; HTML/CSS
- **Relevant Skills:** Git; Docker; Linux/Bash Scripts; MS Excel; AGILE/SCRUM Framework
- **Interests:** Building controllers; cycling; digital photography; bouldering; snowboarding