

Benjamin Dinh

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EDUCATION

University of California, Davis

B.S. Computer Science, Minor in Communication

Expected June 2022

Major GPA: 3.80 / 4.00

Relevant Coursework: Object-Oriented Programming, Data Structures and Algorithms, Algorithm Design and Analysis, Theory of Computation, Web Programming, Probability and Statistical Modeling, Applied Data Science, Computer Architecture, Computer Networks, Operating Systems

WORK EXPERIENCE

UC Davis Facilities Energy & Engineering

Davis, CA

Web Development Intern

April 2021 - Present

- Built RESTful APIs using the MERN stack that served live temperature and comfort level data from 100+ buildings to the front end for data visualization.
- Prioritized accessibility by testing different user flows and maintaining cross-browser compatibility.
- Engaged with the product manager and 3 developers in weekly stand-ups and demo days.

UC Davis Academic Assistance and Tutoring Centers

Davis, CA

Computer Science & Mathematics Tutor

January 2020 - May 2021

- Guided students taking Data Structures & Algorithms, Object-Oriented Programming, Calculus, Linear Algebra, and Discrete Mathematics coursework.
- Designed supplementary curriculums, managed progress reports, and communicated with students regularly.
- Tutored 5+ students every week and increased their test scores by an average of 15%.

LEADERSHIP EXPERIENCE

#include at Davis

Davis, CA

President

March 2021 - Present

- Facilitated quarterly projects where 50+ members work in teams to research, design, and build web applications for local non-profit organizations.
- Coordinated 5 directors to plan weekly events, execute marketing campaigns, and oversee project progress.
- Communicated directly with clients to develop technical solutions, improve prototypes, and ensure product usability.
- Managed collaborative git repositories and produced documentation for clients.

TECHNICAL SKILLS

Languages: Python, HTML5, CSS, JavaScript, C, C++, Kotlin

Frameworks & Tools: React.js, Next.js, Node, Bootstrap, Tailwind

Databases: MongoDB, SQL Server

Technologies: Figma, Trello, Jira, Google Cloud, Android Studio

Other: Git Version Control, Linux Development Environment, Agile Development Framework

PROJECTS

MealBuddies

Full Stack Development

January 2021

- Collaborated with an agile team of 2 designers and 2 developers to build a web app that targets food insecurity in Yolo County using HTML/CSS, Node, Firebase, and Heroku.
- Scoped out features, tested prototypes, researched viable tech stacks, and created the product roadmap.
- Made HTTP requests to post and get information about 20+ local food distributions, open pantries, and restaurant giveaways.

UC Davis Yearbook

Full Stack Development

May 2020

- Directed 2 team members to build a web app using React, Node, and SQLite3 where users can log in and upload profiles onto a virtual yearbook.
- Developed wireframes and assessed the user interface for technical feasibility.
- Built a profile feed that can be filtered by college, major, name, etc.