

Benjamin Dinh

Software Engineer

benjamin-dinh.com

benjamindinh909@gmail.com

(408) 858-9210

Bay Area, CA

EDUCATION

University of California, Davis

B.S. Computer Science 2018 - Present

Relevant Coursework: Object-Oriented Programming, Data Structures & Algorithms, Computer Structure & Assembly Language, Algorithm Design & Analysis, Theory of Computation, Web Programming, Probability & Statistical Modeling

EXPERIENCE

UC Davis Social and Political Interacting Networks Group

Research Assistant September 2020 - Present

Tools: C#, Maoz Network Program (Social Networks Analysis package)
Researched the effect of shocks on social and political networks, the causes and consequences of network spillover, and methods for analyzing these networks.
Implemented efficient data structures and algorithms for optimized code.

#include at Davis

Director of Technology - Front End May 2020 - Present

Facilitated annual club project where members design and build a website for a local non-profit organization.
Worked alongside four directors to plan and host monthly club events.
Collaborated with the Back End Director to intuitively redesign the club website as a hub for all club-related news and events.

UC Davis Academic Assistance and Tutoring Centers

Computer Science & Mathematics Tutor January 2020 - Present

Assisted students taking Calculus, Linear Algebra, Python, and Discrete Mathematics coursework at the university.
Designed supplementary curriculums, managed progress reports, and communicated with students regularly.
Transitioned to virtual tutoring appointments with Zoom and GoBoard video conferencing.

UC Davis Department of Plant Sciences

Front-End Development Intern June 2020 - August 2020

Tools: HTML, CSS, Bootstrap, Microsoft Remote Desktop
Wrote and styled the front-end components of a professor's lab website.
Implemented optimal practices for website development, including mobile and responsive site design.
Ensured proper documentation of website edits and bug fixes.

SKILLS

Languages

Python
HTML | CSS
JavaScript
C | C++
C#
Kotlin
R

Frameworks & Libraries

React.js
Express.js
Gatsby.js

Other

Bash Scripting
Figma
Git

PROJECTS

AggieFeed

Android Development

July 2020

Tools: Kotlin, OkHttp, GSON
Accessed a REST API to render the university's newsfeed - AggieFeed.
Implemented GSON data mapping and Square's HTTP client OkHttp.

UC Davis Yearbook

Full Stack Development

May 2020

Tools: HTML, CSS, Javascript, React.js, Express.js, SQLite3
Built a website that allows users to upload personal profiles to display on a yearbook website.
Implemented Flickr API, Google log-in credentials, and browser cookies.