

Randy Bui

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EDUCATION

Diablo Valley College, 3.949 GPA

Electrical Computer Engineering

Pleasant Hill, CA

Aug. 2022 – June 2024

- Physics 130 - Mechanics & Waves (Physics 7A transfer)
- Physics 230 - Heat & Electromagnetism (Physics 7B transfer)
- COMSCI Series - OOP, ADV C++, Data Structures, Assembly (CS 61B, CS 61C transfer)
- Math 194 - Linear Algebra (Math 54 transfer)
- Math 294 - Differential Equations (Math 54 transfer)
- Math 292 - MultiVariable (Math 53 transfer)

University of California, Berkeley

Electrical Engineering & Computer Science, N/A GPA

Berkeley, CA

Aug. 2024 – Current

- CS70 - Discrete Math & Probability
- EECS16A - Designing Information Devices and Systems I

EXPERIENCE

Cal Hacks

UC Berkeley

Summer 2023

Berkeley, CA

- Application of modern programming API's, artificial intelligence/GPT4
- Backend programming, application of Google Map API
- Team coordinator/research

Cal Hacks 10

Metreon

Fall 2023

San Francisco, CA

- Back-end Programmer, Django framework
- Database management
- Implementation with HTML5 Website

MESA Tutor

Diablo Valley College

Summer 2022 - Spring 2024

Pleasant Hill, CA

- Physics Tutor
- Math/Calculus Tutor
- Computer Science Tutor

PROJECTS

Pathways | Python, Django, HTML5

Spring 2023

- Developed a full-stack web application using with Django
- Search bar with hardcoded options

OptiPlanner | Google Maps API, Google Calendar API, HTML5, GPT4, Python, Flask

Summer 2023

- Google Maps API used to determine Proximity
- Google Maps API to grab current schedule
- GPT4 is used to optimize the schedule using proximity, priority, and available concurrency

AiEducate | Reflex, Python, JavaScript

Fall 2023

- GPT-3.5
- MindsDB - create and manage a database, and LLM management
- Reflex front end design

TECHNICAL SKILLS

Languages: Java, Python, C/C++, Data structures, LaTeX, CUDA

Frameworks: Reflex, Vite, React, Django

Developer Tools: Git, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse

Libraries: NumPy, JSoup, OpenCV