BEN PHAM

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EDUCATION

Bachelor of Computer Science, B.S, University of California, Irvine (**3.96 GPA**) Expected 2025

EXPERIENCE

Front-End Developer Intern Sep 2023 - Jan 2024
Neoboard Inc.

- Worked with a team to design and implement a full-stack company website using Javascript, ReactJS, and ExpressJS.
- Integrated Oauth2 authentication flow for Google cloud services into the application. Worked with REST APIs in order to provide Oauth2 token exchange functionality and gmail data access.
- Implemented helper functions that extracted metadata, messages and attachments from raw gmail JSON data.

PROJECTS

UCI ICS Search Engine Sep 2022 - Jan 2023

- Developed a search engine for the UCI ICS subdomain in Python using ranking methods such as PageRank and tf-idf scoring to deliver accurate query results for 20,000+ of ICS Web pages.
- Indexed all unique tokens found in JSON format, allowing for increased access speed of data for each token during the ranking calculation.
- Created and deployed a full stack website, using Flask to create an API endpoint for the search engine, and using Next.js with react and tailwindCSS for a dynamic web frontend.

  Github Link: github.com/PhamjaminBen/ICS-Search-Engine

Family Tree Website Jun 2023 - Present

- Created and deployed a Family Tree website using React, Next.js, and TailwindCSS.
- Managed 50+ records of family members, including photos and calendar data using MongoDB cloud services for persistent data storage.
- Utilized Redux to manage access to password-protected content, Tanstack query for retrieving server-side data, and react hook form for managing website forms.

  Github Link: https://github.com/PhamjaminBen/familytree

B-Ball Bot Jan 2022 - Jun 2022

- Created a Discord bot that allows for quickly accessing visually appealing basketball statistics in Discord servers by utilizing Python and Discord's API and Developer Portal.
- Designed and utilized an SQLite database of 100,000 entries that contained data on basketball statistics and connected it to the bot using the python sqlite3 library.

  Github Link: github.com/PhamjaminBen/BballBot

SKILLS

Technical Skills	Python, Typescript, MongoDB, React, Next.js, Git, Github, HTML, Tailwind CSS, C++ Node.js, Vercel, SQLite, Redux
Soft Skills	Problem-solving, Critical thinking, Communication, Teamwork