BEN PHAM

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OBJECTIVE

Computer science student seeking to enhance programming skills and experience through software-related internships or job experiences.

EDUCATION

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

Relevant Coursework:

- Data Structures (C++)
- Design/Analysis of algorithms
- NoSQL databases
- Data Management (mySQL)

SKILLS

Technical Skills　　Python, C++, SQLite, Git, Github, HTML, CSS, TailwindCSS, Next.js, React, React Native, Node.js, Vercel, MongoDB

Soft Skills　　Problem solving, Critical thinking, Communication, Teamwork

PROJECTS

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.
- Used the web scraping tool beautifulsoup to extract real-time data from basketballreference.com, allowing for updated and accurate information.

  Github Link: github.com/PhamjaminBen/BballBot

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 raw HTML content from a crawl of 20,000+ websites from the UCI ICS subdomain, allowing for increased speed of data access.
- 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

Personal Website　　　　　　　　　　　　　　　　　　　　　　　　　　　　Jun 2023 - Present

- Created and deployed a personal portfolio website using React.js and Next.js for frontend
- Added animations using the GSAP library and visual details using tailwindCSS to provide an aesthetic website design.

  Github Link: https://github.com/PhamjaminBen/BP-PersonalWebsite