Nam Do

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Employment

Web Development Intern   **Aug 2023 – Present**
Thaddeus Resource Center   San Dimas, CA
- Pioneer the transition of Thaddeus' website from Webflow to Next.js to reduce website hosting by 50%.
- Develop reusable and responsive React components via TypeScript and Tailwind CSS used across 10 pages.
- Lead the mobile app development team of five interns to develop a wellness and resources app.
- Implement a CRUD for employees to create customizable popups for all site visitors.
- Integrate Google Firebase's NoSQL database to read and write popup data.
- Meet with supervisors and other departments to update user requirements for the website's features and pages.
- Validate applications' functionality through unit testing with Jest and end-to-end testing with Cypress.

Computer Technician   **Apr 2024 – Jun 2024**
eBryIT   Phoenix, AZ
- Imaged over 9000 Dell computers early by meeting a 2-month deadline in 4 weeks.
- Deployed imaged computers in over 15 Phoenix Union schools across Phoenix.

Information Technology Student Worker   **Aug 2018 – Dec 2023**
James E. Rogers College of Law   Tucson, AZ
- Resolved more than 300 ServiceNow and Cherwell user tickets by providing Tier 1 and 2 support.
- Configured over 800 computers and peripherals for work use to improve employee productivity.

Education

The University of Arizona   **Aug 2020 – Dec 2023**
Bachelor of Science in Computer Science   Tucson, AZ
- Cumulative GPA: 3.973

Projects

Chat App Website   **Apr 2024 – Jun 2024**
- Created a chat app with a customizable, responsive React frontend using Vue.js and MaterialUI.
- Hosted a containerized backend in Node.js to read and write to Supabase's PostgreSQL database.
- Secured communications with end-to-end encryption so only senders and recipients could view their messages.

GitHub Visualizer   **Sep 2023 – Dec 2023**
- Provided a visual interface using Windows Forms and the .NET framework to write and modify Git repositories.
- Developed an API in C# to interact with the GitHub API to read and write to a user's local or remote repository.
- Employed Windows Credential Manager to store and retrieve the user's access token.

Spotify Music Player   **Nov 2022 – Dec 2022**
- Programmed Java methods to send HTTP GET and POST requests to the Spotify API to gather song information.
- Designed a user interface that can play Spotify tracks using JavaFX using design patterns like Singleton.
- Implemented the Authorization Code with PKCE flow so that Spotify users can log in to the application.

Technical Skills

Languages:	Bash, C, C++, C#, HTML/CSS, Java, JavaScript, Python, SQL, TypeScript, VBA
Tools:	Firebase, GitHub, Next.js, Node.js, React, REST APIs, Tailwind CSS, Vue.js, Window Forms
Software:	Docker, Git, Jira
Practices:	Agile, CI/CD, Scrum