Kyan Kotschevar-Smead

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EDUCATION

Washington State University (2022 - Present) Pullman, WA
B.S. Voiland College of Engineering, Computer Science – Expected June 2026
Relevant coursework: Software Engineering, Operating Systems, Computer Architecture, Data Structures and Algorithms, Data and Automata Theory, Algorithm Design, Multivariable Calculus, Linear Algebra
Languages: C, C++, C#, Python, TypeScript, Go, Dart, SQL
Backend Technologies: ASP.NET, Django, Go Echo, PostgreSQL, MySQL
Frontend Technologies: React, Vue, Flutter, Svelte, Tailwind
Tools: WSL, Git, GitHub, Swagger, Azure, GCP, Firebase

WORK EXPERIENCE

Intellitect - Software Engineering Intern (May 2024 - Present) Spokane, WA
- Maintained and enhanced production code for an internal tool using MVC .NET, C#, TypeScript, and Vue.js.
- Developed and executed unit and integration tests to ensure robust functionality and reliability of critical features.
- Utilized cloud services such as Azure and Google Cloud Platform (GCP) to enhance scalability, security, and performance of the application.
- Developed for a client project involving a Go Echo and Flutter app, deploying production code and creating new features.
- Integrated and leveraged microservices architecture, utilizing Firebase and LiveKit for scalable and efficient solutions.

Scrape Armor - Manufacturing Assembler (Summer 2023) Bellevue, WA
FastSigns – Summer Associate (Summer 2023) Kirkland, WA
Fred Meyer - Parcel (2020 - 2022) Everett, WA

CAMPUS INVOLVEMENTS

Founder and President, Triangle STEM Fraternity (2023 - Present)
- Established and led WSU's first STEM fraternity
- Cultivated a STEM community within WSU's Greek Life
- Provided a platform for STEM students to network, collaborate, and develop

Systems Engineer, Cougars in Space (2023)
- Wrote and maintained software for a satellite communications system

PROJECTS

Intellitect - 1ON1 Piano (Go-Echo Flutter PostgreSQL GCP)
Intellitect - Internal Tool (ASP.NET Vue MySQL Azure)
Personal - Washington Construction Projects (Flask SvelteKit PostgreSQL)
Personal - Triangle Test Bank (ASP.NET Vue MySQL Azure)
Personal - SlangSpeak (React Django)
Personal - Kotschevar-Smead.Com (SvelteKit)
University - Unix Filesystem Tree (C)