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, Multivariable Calculus, Linear Algebra

Languages: C, C++, C#, Python, TypeScript, JavaScript
Backend Technologies: ASP.NET, Django, Flask, PostgreSQL, MySQL
Frontend Technologies: React, Vue, Flutter, Svelte, Tailwind
Tools: WSL, Git, GitHub, Swagger, Azure Blob Storage

Edmonds Community College (2020 - 2022) Edmonds, WA
High School Running Start Program, General Studies

CAMPUS INVOLVEMENTS

Founder and President, Triangle STEM Fraternity (2023 - Present)
- Established and led WSU's first STEM fraternity
- Actively recruited 34 members
- Cultivated a STEM community within WSU's Greek Life
- Provided a platform for STEM students to network, collaborate, and develop

Systems Engineer, Cougs in Space (2023)
- Wrote and maintained software for a satellite communications system
- Adopted V-model for systems design, implementation, and integration of satellite systems

Founder and President, Software Technology Integrated Projects (2023)
- Founded and organized a STEM organization for computer science and engineering students
- Mentored students in creating their first resume-ready software projects

PROJECTS

Washington Construction Projects (Flask, SvelteKit, PostgreSQL)
- Web scraper map visualization tool for tracking construction projects in Washington

Triangle Test Bank (ASP.NET, Vue, MySQL)
- Exam bank containing previous years exams for members of Triangle Fraternity

SlangSpeak (Django React)
- Language testing web application tailored for learning modern slang

Unix Filesystem Tree (C)
- Simulates a Unix shell environment, providing basic filesystem operations

WORK EXPERIENCE

Scrape Armor - Manufacturing Assembler (Summer 2023) Bellevue, WA
- Safely operated heavy types of machinery such as lasers and hydraulic presses

Fred Meyer - Parcel (2020 - 2022) Everett, WA
- Worked during High School to support myself financially