

Jonathan Daniel Schenk Jr.

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Education

George Fox University, College of Engineering

Expected April 2025

Bachelor of Science, Major: Computer Science

Minor: Information Systems

Relevant Courses: Analysis of Algorithms, Data Structures, Database Systems, Object Oriented Analysis and Design, Software Engineering, Human-Computer Interaction, Computer Architecture & Assembly Language, Web Based Programming, Artificial Intelligence, Operating Systems.

Technical Skills

Languages: Python, Java, C/C++, Scala, Javascript, Typescript, HTML, CSS, PSQL, Bash, MIPS32

Industry: Scrum, Agile, Object-Oriented Design, Unit Testing, Human-Computer Interaction

Projects

Prusa 3D Printer Retrofit (Servant Engineering Project)

September 2023 - Present

- Working on a team of five using agile methodologies to complete a project for the university art department.
- Responsible for researching and modifying open-source 3D Printing software to work with clay extrusion as the sole software engineer on the team.

Password Generator (Team Software Engineering Project)

Oct 2022 - Dec 2022

- Collaborated as a team of four for 10 hours a week to design and develop a CLI-based password generator program in Java, meeting the client's requirements and expectations.
- Implemented Agile methodologies throughout the project, fostering a dynamic and iterative development approach that encouraged collaboration, adaptability, and constant feedback within the team.
- Utilized sprint-based planning to divide the project into manageable tasks, ensuring a structured and organized workflow that facilitated efficient development and timely delivery of features.
- Maintained a transparent and communicative team environment by regularly sharing progress updates, challenges, and achievements, promoting a shared understanding of project goals, and fostering a cohesive team dynamic.

Relevant Work Experience

George Fox University

Dpt. of Electrical Engineering & Computer Science
Lab Assistant (2023-2024)

- Assist students in overcoming challenges and building confidence in their skills.
- Offer clarification and guidance on course materials and assignments.

Other Work Experience

Newberg Burgerville

Crew Member (2021-2023)

- Worked as a part of a team in a fast-paced kitchen environment.
- Trained new employees and exhibited leadership skills.