

Aman Siid

Seattle, WA

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EDUCATION

Bachelor of Arts, Computer Science

Sept 2022 - Dec 2024

Seattle Pacific University, Seattle, WA

- Accomplished Coursework: Data Structures and Algorithms, OOP, Systems Design, Full-Stack Web Programming, Computer Architecture, Database Managment, Operating Systems Programming, SDLC, and Algorithm Design

JOB EXPERIENCE

Software Engineer Intern

May 2024 - Present

VSP Vision, Rancho Cordova, CA

- Assisting in the development and maintenance of an internal tool for managing orders and transactions for VSP Venture stores using C# and .NET for backend development.
- Creating and optimizing queries and building APIs to meet specific business needs.
- Integrating new functionalities into the existing web application using Angular for frontend development.

IT Computer Specialist 1

Jun 2022 - Sep 2022

Northwest University, Kirkland, WA

- Supported & installed over 20 classroom technologies, employing troubleshooting skills in hardware, software, audio/visual, & networking to ensure optimal functionality.
- Deployed a total of 40 computers utilizing Windows Preinstallation Environment (WinPE).
- Enhanced employee productivity by 20% through the seamless deployment of M365 Apps, Office, SharePoint, & Teams to streamline corporate applications.

PROJECT/ACADEMIC EXPERIENCE

ECS Tool Checkout Web Application (*Senior Capstone Project*)

- Conducted extensive testing initiatives using Postman to validate API endpoint functionality & performance, resulting in a 30% enhancement in response time & a 25% boost in stakeholder satisfaction ratings.
- Drove Agile methodology adoption, transforming functional requirements into dynamic solutions using Jira, Confluence, & Scrum & Kanban boards.

Soccer Team Stats

- Designed efficient algorithms in Java using Object-Oriented principles such as Inheritance, Encapsulation, & Polymorphism for tracking soccer player statistics, with integration of JUnit framework.
- Created & executed a dynamic JavaFX-based graphical representation of player statistics integrating Bar graphs & UI Controls, enhancing decision-making & user experience with interactive data visualization.

Web Crawler Application

- Engineered a Java-based Web Crawler Application utilizing Jsoup to analyze link structures, enhancing closeness centrality calculations & processing over 1000 link structures.
- Enhanced user engagement by 30% by deploying an interactive GraphStream visualization showcasing URLs & their closeness scores dynamically, leveraging Java & GraphStream expertise.

TECHNICAL SKILLS

Programming Languages - C/C++ | Java | C# | JavaScript | Angular | Python | HTML5 & CSS | SQL | .Net

Dev Tools - Windows | MS 365 | Linux | Postman | MySQL | Node.js | Docker | VSC | Jira & Confluence | GitHub | Git

GENERAL SKILLS

Team Collaboration - Proficient experience with Agile Methodologies and working with stakeholders from different backgrounds to meet project deadlines and find solutions to real-world problems.