

# Aman Siid

## Software Engineer

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### EDUCATION

**Bachelor of Arts, Computer Science**

Sep 2022 - Dec 2024

**Seattle Pacific University**

Seattle, WA

- Accomplished coursework: Data Structures and algorithms, OOP, Systems Design, Full-Stack Web Programming, Computer Architecture, Relational database concepts, Operating Systems Programming, SDLC, and Algorithm Design

### JOB EXPERIENCE

**IT Computer Specialist 1**

Jun 2022 - Sep 2022

**NUIT, 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)
- Boosted employee productivity by **30%** by seamlessly implementing M365 Apps including Outlook, OneDrive, Word, Excel, PowerPoint, SharePoint, & Teams to optimize corporate application workflows

**IT Help Desk Specialist / Graphic Designer**

Mar 2019 - Oct 2021

**CAC, Edmonds College**

Lynnwood, WA

- Led troubleshooting efforts for hardware and software issues affecting over 300 students
- Delivered technical support for a team of 70-90 staff & faculty members encompassing software troubleshooting, hardware assistance, & network setup
- Contributed to planning & execution of digital marketing initiatives, showcasing proficiency in both technical & creative realms resulting in a 20% lead generation

### 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
- Utilized Agile methodology, translating 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 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 | JavaScript | HTML5 | CSS | SQL | .Net | Assembly | Rust | Python | ReactJS | Angular  
Development Tools - Windows | MS 365 | Linux | Adobe Suite | Postman | MySQL | NodeJS | Docker | VSC | Jira | GitHub | Git

### GENERAL SKILLS

Multilingual - English | Arabic | Tigrinya | Amharic

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.