

# Steven Aziz

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## WORK EXPERIENCE

### Technical Expert

May 2022 – April 2025

*Apple*

*Tukwila, WA*

- Diagnosed and repaired iOS hardware and software issues across iPhone, Apple Watch, AirPods, and Apple TV, balancing technical precision with a strong customer focus.
- Mentored junior team members on troubleshooting best practices and customer service, contributing to team knowledge and performance in a fast-paced retail environment.
- Communicated complex technical problems in simple terms, helping customers make informed decisions while maintaining service accuracy and meeting productivity goals.

### Tech Consultant

May 2020 – July 2021

*Target*

*Seattle, WA*

- Advised guests on consumer tech solutions by understanding their needs and recommending devices, accessories, and protection plans, ensuring an informed and personalized experience.
- Maintained a well-organized, engaging sales floor by managing inventory, setting displays, and staying current on tech trends and product releases.
- Collaborated with team members to solve customer issues efficiently, adapt to shifting priorities, and maintain high standards in a fast-paced retail environment.

### Stage Technician

October 2016 – October 2018

*Highline Performing Arts Center*

*Seattle, WA*

- Coordinated with team members and external vendors to safely set up and tear down stage equipment for live performances, ensuring readiness days or weeks in advance.
- Operated lighting systems, curtain controls, and other complex stage equipment with precision during shows while maintaining clear communication via headset with the tech team.
- Supported front-of-house operations by assisting with ushering duties and maintaining a safe, orderly environment for both performers and attendees.

## PROJECTS

### The Graduation Planning App (GPA)

September 2023 – June 2024

*Node.js, React.js, Express.js, MySQL, Python, SupaBase*

- Collaborated with a team of four to plan, design and develop a full-stack web application that scrapes and parses student transcripts to automatically generate optimized course schedules that meet the student's graduation requirements.
- Authored the database schema and its backend APIs, the course prerequisites parser, and the core scheduling algorithm to build an optimized course flowchart that satisfies a student's graduation requirements and preferences.
- Managed project documentation, coordinated team meetings, maintained development tools, and presented the final product to a board of industry professionals.

### Lexical & Syntax Analyzer

September 2023 – October 2023

*Rust, SWI-Prolog, MIT-Scheme, Cargo*

- Developed a compiler front end in Rust, implementing a lexical analyzer and recursive-descent parser for a domain-specific language (DA) used in data analysis workflows.
- Designed and built error-handling logic to detect and report the first lexical or syntax error ("ostrich model"), ensuring clean processing before code generation.
- Generated valid Scheme or Prolog code from parsed DA input based on CLI flags, enabling statistical operations such as linear regression and correlation in downstream scripts.

### Expression Simplifier

November 2021

*C++, CMake, Valgrind, CLion*

- Built binary expression trees from postfix algebra using C++; parsed tokens and constructed node-based tree structures with stack logic.
- Recursively simplified expressions via arithmetic rules, identity simplifications, and distributive transformations; ensured correctness and memory safety through Valgrind testing and structured input validation.

## EDUCATION

### Bachelor of Science (B.S.), Computer Science

June 2025

*Seattle Pacific University*

*Seattle, WA*

- **GPA:** 3.47; **Awards:** Dean's List (awarded multiple times), Director's Grant

## TECHNICAL SKILLS

- **Programming Languages:** Proficient in C++, Rust, JavaScript Node, Scheme, Prolog, and MySQL; Familiar with Java and Python
- **Microsoft Certified:** Azure Developer Associate (Issued June 2025, Credential ID 4F2EDBB3C8822F0C)
- **Miscellaneous:** Docker, GitHub, Visual Studio Code, Figma, Lucid, Jira, Confluence, HTML, CSS, and MongoDB