

# ASHLEY AKAMINE

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## WORK EXPERIENCE

### Student Network Technician

Pacific Lutheran University - Information & Technology Services

12/2023 - Present Parkland WA

- Testing, troubleshooting, and installation of wired/wireless networks and telephone connections in various buildings.
- Provide network support to students and staff in one-on-one setting.

### Front-End Developer Intern

Codepoint Technologies

05/2023 - 08/2023 Kirkland WA

Codepoint Technologies, Inc. develops transformative software and IoT devices that are enhanced by the CP-Flex platform.

- Developed a web application for Codepoint's Cloud Stack Console
- Collaborated with a team of five software engineers under the Scrum management methodology

### Computer Science Lab Teaching Assistant

Pacific Lutheran University - Computer Science Department

08/2022 - 12/2022 Parkland WA

- Demonstrated Java programming expertise by providing comprehensive answers to student questions
- Guided students in resolving coding challenges through trouble shooting and debugging

## PROJECTS

### PLU Food Pantry Inventory System

09/2023 - Present

Developed a user-friendly inventory management web application for the Pacific Lutheran University Food Pantry, aimed at enabling easy monitoring of item categorization and ensuring seamless updates for pantry operations. Actively refining and enhancing the application through ongoing development efforts.

- Developed a user-friendly interface using React for easy inventory management.
- Integrated MySQL for secure and reliable inventory data management.

### Analyzing Scoring Efficiency: A Multiple Regression Model for Women's Basketball

09/2023 - 12/2023

Investigated the factors influencing scoring efficiency for NCAA Division I women's basketball teams. Utilizing linear regression analysis, I examined the relationship between variables such as minutes played, player position, and field goal percentage to understand their impact on scoring efficiency.

- Administered linear regression analysis to assess the impact of key variables on scoring efficiency, ensuring robust statistical analysis.
- Conducted statistical interpretation of results to validate findings and draw meaningful conclusions regarding the impact of variables on scoring efficiency.

### Star Battle Puzzle Game

02/2024 - Present

Currently developing a Star Battle game, incorporating client drawing functions for displaying puzzles and interaction features to ensure seamless server and user communication. The goal is to build an engaging gaming experience with efficient data management and smooth server-client communication.

- Constructed a client/server system with a graphical user interface for sending puzzles over the internet and enabling user interaction.
- Practiced software engineering techniques learned in class while collaborating within a small team.

## EDUCATION

### B.S. Computer Science, Data Science & Native American/Indigenous Studies Minor

Pacific Lutheran University

08/2021 - Present Parkland WA

- Courses: Statistical Computing & Consulting, Databases & Web Programming, Intro to Artificial Intelligence, Objects & Design, Operating Systems

GPA

3.89 / 4.0

## SKILLS

RStudio	Excel	Docker	MongoDB	Spring Boot	MySQL	Git	GraphQL	Java	Javascript	SQL	Python
ReactJS	C/C++	JavaFX	RESTful API	HTML/CSS	Scrum	Google Cloud	Jupyter Notebook				

## ACHIEVEMENTS

Best Data Visualization Award at PLU DataFest

Women's Basketball Academic All-District Team: '23, '24