

Dat Boi Sam

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Qualifications

- **Programming Language:** C++, Python, React.js, HTML, CSS, JavaScript, Bootstrap
- **Development Methodologies:** Agile Scrum, Software Development Cycle
- **Version Control:** Git, Github
- **Software:** VSCode, Notion, Figma, Lucidchart, Jira

Relevant Projects

Seattle Pacific University, Seattle, WA

ELISA — Frontend Developer

September 2022 – Present

- Actively participated in weekly meetings and daily standups
- Collaborated with classmates to build an inventory management system for ECS Lab Coordinator
- Analyzed requirements and designed, developed, and implemented frontend components using JavaScript, React.js, and Bootstrap
- Integrated the frontend with AWS Lambda functions using API Gateway
- Optimized, modified, and maintained MVP and frontend
- Tested, identified, and resolved errors and bugs at the end of each sprint cycle

Quotes Application — Developer

March 2022

- Collaborated with team members to discuss innovative design concepts
- Created various options to access quotes, including by authors, categories, and favorites
- Established an SQLite database to store and retrieve quotes
- Implemented add, delete, edit, and read functions using Qt5 Creator

Battleship Offline — Individual Project

November 2021

- Implemented a console-based battleship game using C++
- Utilized exception handling to identify invalid input
- Demonstrated efficient algorithm to decide enemy movement automatically

Education

Bachelor of Science in Computer Science

Expected December 2023

Seattle Pacific University, Seattle, WA

- Relevant Coursework: Algorithm Design and Analysis, Application Programming, System Design, Database Management, Software Engineering II

Experience

Lavner Education — IT/Instructor Intern

June 2022 – August 2022

Seattle, WA

- Enhanced students retention rates by creating a welcoming and interactive learning atmosphere
- Collaborated with the Tech Team to debug and configure software and hardware
- Facilitated frequent communication with colleagues to exchange teaching experience and enhance lecture plan
- Participated in daily and weekly meeting to report camper progress and discuss program modifications