CS Sample [CLICK HERE FOR THIS FORMAT](#)

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EDUCATION

University of Portland, Portland, OR   May 20XX
B.S. Computer Science Minor: Mathematics

TECHNICAL SKILLS

- *Languages*:   Java, C/C++, Python, Haskell, Rust, MATLAB, LabView
- *Systems*:   Linux, Android, iOS, Windows
- *IDE*:   VS Code, git, Android Studio, Visual Studio

RELATED EXPERIENCE

Research Assistant, University of Portland, Portland, OR   January 20XX – Present
- Assisted in developing machine learning models aimed at predicting equipment failures in industrial settings.
- Analyzed large datasets using Python and MATLAB to identify patterns and build predictive models.
- Contributed to a paper submitted for publication and developed a predictive maintenance model that reduced downtime by 15%.

Math Tutor, University of Portland   January 20XX – Present
- Encouraged problem solving skills in undergraduate students, improving learning outcomes
- Facilitated group learning environments, utilizing knowledge to guide discussion

ACADEMIC EXPERIENCE

Senior Capstone Project, User Interface & Control Systems   August 20XX – Present
- Collaborated with a company to improve the user interface and control systems of a high-precision power tool.
- Applied control systems and embedded programming skills using C/C++ and MATLAB to develop and test control algorithms.
- Conducted testing and feedback sessions to iterate and enhance the control system.
- Delivered a refined control system that improved tool precision and received positive feedback.

Data Structures, Model of United States Customs Office   August 20XX – December 20XX
- Developed a simulation model for the United States Customs Office using optimized data structures such as linked lists, trees, graphs, and hash tables.
- Applied data processing and numerical optimization techniques using C and numerical methods to process large datasets and optimize customs operations.
- Applied advanced programming techniques using C/C++ to optimize performance and memory usage.
- Ensured the accuracy and reliability of the simulation model through extensive testing and validation and evaluated efficiency using time and space complexity metrics.
- Delivered a simulation model that improved customs processing efficiency by 25%.

Object-Oriented Design, Android Studio App   January 20XX – May 20XX
- Developed a multi-mode game, including single-player, multiplayer, and challenge modes using Android Studio
- Applied Java and Android SDK to create reusable and maintainable code.
- Conducted extensive testing and debugging using Android Studio's debugging tools to ensure smooth gameplay and fix bugs.

ADDITIONAL EXPERIENCE

Office Assistant, Initech, Portland, OR   May 20XX – August 20XX
Cashier, Nordstrom, Seattle, WA   Seasonally 20XX – 20XX