

Ian D. Cairns

Software Developer

Kirkland, WA.

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Professional Summary

Software Developer experienced in object-oriented programming, version control, testing and debugging code, and shell scripting. Working on a Computer Science degree outside of work. Seeking opportunities to utilize programming experience to develop innovative code and continue advancing as a Software Developer.

Java

Shell scripting

Algorithms

C++

SQL

Data structures

Experience

Software Developer I Boeing I November 2018 - Present

- Develop code in Python, C++ and Java
- Setup CI/CD build process using Git and Jenkins.

Automation Engineer I Boeing I June 2012 – November 2018

- Designed and implemented automated manufacturing equipment
- Developed software for robotic equipment

Mechanical Engineer Intern I Mobile Tool Management I June 2011- September 2011

- Tested and redesigned automated precision drills for aerospace manufacturing

Computer Science Grades & Coursework

A Introduction to Computer Science
A Data Structures
A Introduction to Linux
A Software Engineering
A Computer Organization
A Computer Vision (Graduate course)

Education

Oregon State University, B.S. (Exp. 2020)

Degree Granting Department: Computer Science I GPA-4.0

Colorado School of Mines, M.S. (2017)

Degree Granting Department: Mechanical Engineering I GPA-3.88

University of Washington, B.S. (2012)

Degree Granting Department: Mechanical Engineering I GPA-3.40