Kyle Thomas

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OBJECTIVE

I am eager to put my creativity to use optimizing Intel's manufacturing process.

QUALIFICATIONS

My qualifications include:

- coursework building systems of analog and digital electronics and interfacing those electronics with computers;
- coursework creating and using PID controls systems;
- research experience with the tools and practices of a cell biophysics lab, including confocal microscopy;
- classroom experience drafting with AutoCAD;
- formal education in the use and administration of Linux and Windows operating systems;
- CompTIA A+ PC technician certification;
- coding-experience in Matlab and python for research and coursework;
- working knowledge of $\LaTeX$, python, Matlab, html, css, and git;
- a course on technical writing; and
- experience with technical writing as I wrote and revised my undergraduate thesis and edited others' theses.

EDUCATION

B.S. in Physics from Oregon State University (**OSU)** in <u>2015</u>

A.S. with an engineering emphasis from Southwestern Oregon Community College (**SWOCC**) in <u>2011</u>

EXPERIENCE

During <u>2014</u> and <u>2015</u>, I proctored exams for various introductory physics courses at OSU. Proctoring was primarily answering students' questions.

During <u>2013</u> and <u>2014</u>, I did research in Professor Bo Sun's cell biophysics lab at OSU. I wrote my undergraduate thesis about this research. The research used Matlab code which I wrote to automatically outline user-selected cells in each frame of a movie and then measure each cell's size and shape throughout that movie.

From <u>2009</u> to <u>2014</u>, I tutored math, first at SWOCC, later at OSU.