

Kyle Thomas

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OBJECTIVE

I am eager to put my education and creativity to use for the city of Corvallis.

QUALIFICATIONS

My qualifications include:

- coursework building and interfacing systems of analog and digital electronics;
- coursework creating and using PID control-systems;
- research using confocal microscopy in a cell biophysics lab;
- practice with image analysis;
- coursework modeling and visualizing wave propagation;
- classroom experience drafting with AutoCAD;
- formal education in the use and administration of Linux and Windows;
- CompTIA A+ PC technician certification;
- coding-experience in Matlab and python for research and coursework;
- working knowledge of L^AT_EX, python, Matlab, html, css, and git;
- coursework on technical writing; and
- typeset technical documents including homework solutions, lab reports, and my thesis.

EDUCATION

B.S. in Physics from Oregon State University (OSU) in 2015

A.S. with an engineering emphasis from Southwestern Oregon Community College (SWOCC) in 2011

EXPERIENCE

During 2014 and 2015, I proctored exams for various introductory physics courses at OSU.

Proctoring was primarily answering students' questions.

During 2013 and 2014, 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 2009 to 2014, I tutored math, first at SWOCC, later at OSU.