

# Kyle Thomas

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## OBJECTIVE

I am eager to put my education and creativity to use for Hewlett-Packard. Too, I wish to work in research and development so that I may design and optimize innovative products and processes.

## 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<sup>A</sup>T<sub>E</sub>X, python, Matlab, html, css, and git;
- coursework on technical writing; and
- typesetting 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.