

Kyle Nielsen

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Objective

Gain experience in the computer science work world, and hopefully start a career.

Education

University of Oregon

Eugene, Oregon

BS, Computer and Information Science

September 2015 - June 2019

- 3.59 GPA
- Notable programming projects:
 - A basic RESTful Python/Flask website with authentication that required working with and adding to/extending the same code for 9-10 weeks
 - Software development class involving 2 projects, each of which required coordinating and working with at least 2 other people over several weeks
 - Implemented rasterization and phong shading in C++/VTK, which required working with the same code over several weeks
 - Created a basic text adventure in C++, and later added basic graphics using only VTK 6 and OpenGL 1 (and GIMP to combine textures)
- Transcript available upon request

Springfield High School

Springfield, Oregon

Diploma

September 2011 - June 2015

- 3.96 GPA
- Member of the National Honor Society, and the National Society of High School Scholars
- Participated in after school programs including Unity/C#, Maya, and computer repair
- Register Guard student of the month May 2015

Work Experience

HCSG at Green Valley Rehab

Eugene, Oregon

Housekeeper/Laundry Worker

July 2019 - June 2021

Housekeeping responsibilities included daily cleaning of resident rooms and common areas, and general upkeep of the building's cleanliness. Laundry duties included sorting, washing, drying, folding, and delivering laundry, as well as residents' personal clothing. Both positions involved interacting with residents, visitors, and staff. Time management was a very important aspect of the job. Occasionally, duties consisted of travelling to other buildings to help alleviate short staffing.

Mellor

Springfield, Oregon

Assistant

September 2014 - June 2015

Duties consisted of assisting students in signing up for LCC College Now and applying for scholarships. Also managed articles on the SHS Career Center website using WordPress.

Springfield Public Schools

Springfield, Oregon

Volunteer

May 2012 - 2014, annually

Participated in Youth Day of Caring, a day of volunteering around the community. Jobs completed include laying gravel for a trail, cleaning up trash underneath bleachers, and laying bark for a middle school and elementary school.

Skills

Language Experience

Library/Framework Experience

Most Comfortable:

Python Flask (moderate)

Moderate Experience:

C

C++ VTK (some), OpenGL 1 (some)

Ruby

Some Experience:

C# Xamarin (basic), Unity (basic)

Java

Basic Experience:

SQL

Projects outside of college include:

- Setting up LAMP and Wordpress on a Linode server (currently hosting a website)
- Creating a calculator using only Ruby and its standard libraries (and libgui for the GUI)

Notable Characteristics

- Fast learner, and good at working independently
- Ready and willing to learn new languages, frameworks, software, etc.
- Willing to make compromises in group work
- Understand the need for conventions, and willing to learn and follow new ones
- Comfortable with Linux and the command line
- Believe in thorough documentation

References for Kyle Nielsen

Rulena Mellor

Head of Career Center - Springfield High School
(541) 744-4700

Sheila Suzuki-Pettus

Salem, Oregon District Manager - HCSG
(808) 341-1736

Jim Tyser

Chemistry Teacher - Springfield High School
(541) 744-4700