

Spencer Moss

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EDUCATION

Oregon State University, Corvallis, Oregon, USA

- Bachelor of Science in Electrical and Computer Engineering Sep 2015 – Expected Jun 2019
 - Minor: Computer Science
 - GPA: 3.92

WORK EXPERIENCE

Oregon State University Open Source Lab, Corvallis, Oregon, USA

- Student Systems Engineer Nov 2015 – Present
 - Adminstrate & maintain a large variety of GNU/Linux systems and Open Source projects; I work closely with customers to meet their projects' needs and demands, using many different technologies to maintain/administrate systems including Debian Linux, CentOS Linux, Nagios, Chef, RT, Cfengine, and more.

Digital Control Systems, Inc., Portland, Oregon, USA

- Web Developer Internship Jun 2015 – Sep 2015
 - Designed & implemented a custom web application used for data collection and presentation of sensor data collected from various embedded systems using Python, Linux, PostgreSQL, HTML, Bootstrap CSS and the Web2Py framework in an Internet-of-Things style internship project.
 - Worked with embedded systems engineering team to accommodate anticipated customer and engineering team needs; engineered database schema to be scalable with many different embedded devices and sensors.

AWARDS & SCHOLARSHIPS

- Honor Roll, Oregon State University Fall 2015 – Present
For maintaining a GPA of over 3.5, for all terms in the year of 2015-2016
- National AP Scholar, College Board 2015
For receiving an average of at least 4 (out of 5) on 8 AP exams.
- Computer Science Departmental Award, Wilsonville High School May 2015
Awarded for exemplar efforts in studies in the department of Computer Science; volunteered services throughout senior year to create and maintain a computer lab of 32 machines running Xubuntu Linux for use in Physics, Digital Photography, and AP Computer Science courses; served as peer mentor for AP Computer Science A.
- Honor Roll, Wilsonville High School Sep 2013 – Jun 2015
For maintaining a GPA of over 3.5.

PROFESSIONAL AFFILIATIONS & ACTIVITIES

Institute of Electrical and Electronics Engineers, New York, USA

- Member Oct 2015 – Present

Association for Computing Machinery, New York, USA

- Member Feb 2016 – Present

CAMPUS ACTIVITIES

IEEE @ OSU, Oregon State University

- Web Administrator Nov 2015 – Present
 - Maintained and wrote web articles & pages for the IEEE presence at Oregon State University.

OSU Robotics Club, Oregon State University

- Rover Team, Electrical Sub-team member Sep 2015 – Present
 - Help with various subprojects regarding the Mars Rover Robot as a member of the Electrical sub-team.

OTHER WORK EXPERIENCE

Wilsonville High School, Wilsonville, Oregon, USA

- Teacher's Aide, Computer Science & Conceptual Physics Jan 2015 – Jun 2015
 - Assisted students with problem solving methods in AP Computer Science A and Conceptual Physics courses; demonstrated physical concepts through examples and assisted with carrying out lab activities.

SKILLS

C, C++, Java, Python, HTML & CSS, Linux, \LaTeX , LibreOffice & Microsoft Office, Public Speaking