MICHAEL JOSEPH GILROY
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I am interested in infrastructure operations, kernel development, security engineering, and application-level software development. My experience is a mixture of both software development and development operations.

EDUCATION

Lakeridge High School
Lake Oswego, OR
Graduated with Honors 2015
University of Colorado Boulder
Projected Graduation: 2019/2020
Bachelor of Science in Computer Science, Minor in Economics

EXPERIENCE

University of Colorado Boulder   2016-present – Linux Student System Administrator
Currently on the Unix Team at Boulder's Office of Information Technology. Responsibilities include (but are not limited to) building and maintaining Red Hat Enterprise Linux servers, automating daily tasks, and customer service through ticketing.

Spark Boulder   2015-2015 – Associate
Ran day-to-day operations at the front desk. Worked with other web developers to improve Spark's website.

Robotics   2013-2015
Member of the software coding crew and driving team for robotics high school team. Attended meetings and participated in Oregon First Robotics Championship meet, winning Regionals and attending World Championship in St. Louis, MO.

Mentor Graphics   2014
Informal Internship. Visited Mentor Graphics on regular basis, acquainting myself with various computer science and technology positions while working on Robotic website building at invitation of Mentor Graphics employee.

SKILLS AND EXPERTISE

Languages: Python, C++, C, Java, Ruby, Bash, Awk, SQL, LabView.

OS: Linux/Unix, Windows.

Courses: Data Structures, Discrete Structures, Computer Systems, Operating Systems, Software Development Methods, Algorithms, Data Systems.

Course Projects: Plotting stock data from Yahoo Finance API, manipulating and searching data structures such as red/black trees, writing buffer overflow attacks using return oriented programming.

AWARDS AND INTERESTS

2015 Worlds FIRST Robotics Championship
Varsity Letter – Robotics 2015
CodeDay Portland 2014 Participant
2013-2015 Regional Robotics Championships