David Korhumel
Website: dave.korhumel.com

EDUCATION

- Rochester Institute of Technology, Rochester, NY
- Degree: Bachelor of Science in Computer Science, May 2016

WORK EXPERIENCE

- Microsoft August 2016 - Present Software Engineer
  - Working on Skype Chat Service
- Microsoft June 2015 - August 2015 Software Engineer Intern
  - Worked on the Real Time Media team for Skype
  - Created a system profiler for encoding and decoding performance
    * Written in C++
    * Encoded and decoded video on machines to determine max throughput
    * Built a script to run the profiler and create graphs of the results
    * Did some preliminary analysis on the data
- Oracle Primavera
  June 2014 - January 2015
  Co-op Applications Engineer
  - Worked on a cross-cutting application feature
    * Allowed for scoping of data that was previously available globally
    * Refactored many pages that interface with the data to respect the new model
    * Updating almost all of the integration tests for data access to expect scoped data
    * Modified application code and database queries
  - Integrated security into an existing feature
    * Refactored most of the interface to handle the new security model
    * Refactored half of the server code relating to the feature
    * Updated many existing integration tests that relied on the old permissions model
  - Managed multiple feature branches
    * In charge of maintaining the feature branch, and keeping it up to date with the stable branch
    * Ensured no breakages or regressions introduced by code on the branch
    * Pushed code to the stable branch

- University of Pennsylvania, Chemistry Computing Department
  May 2013 - August 2013
  Junior Systems Administrator / Senior Technologist
  - Designed and constructed a server for use in a cluster systems
    * Installed GAMESS and Gaussian
    * Added the server as a node on the cluster
  - Designed a new website for the Chemistry Computing Department and 2 chemistry research groups
  - Set up a development server for use by the Chemistry Computing Department
  - Resolved computer issues for various faculty members

SKILLS

- Administration skills in OS X and Linux, with some knowledge of system programming in Linux
- Java, Python, JavaScript, LessCSS and CSS, Bash
- Git, Sublime Text, Eclipse IDE, WebStorm, Notepad++, Vim
- Web Design, Web Development, Working with groups, Team Development, Code Documentation

AWARDS

- Eagle Scout (2011)
- RIT Dean's List
- RIT Presidential Scholarship