

ERIK W. CARLSON

SUMMARY

- Undergraduate Computer Science student offering a foundation in Computer Science and programming principles across multiple platforms.
- Experienced in object-oriented programming; developing, testing and debugging code; designing interfaces; and administering systems and networks.
- Quickly learn and master new technologies; successful working both team and self-directed settings.

EDUCATION

Bachelor of Science in Computer Science
University of New Hampshire -- Durham, New Hampshire
Courses included:

Expected Graduation: May 2017

Data Structures
Assembly Language Concepts and Machine Design
Programming Language Concepts and Features
Introduction to Object-Oriented Design and Development
Introduction to the Theory of Computation

EXPERIENCE

IPsec and IKEv2 Technician

May 2014 to Present

University of New Hampshire Interoperability Lab -- Durham, New Hampshire

- Create cyber-physical systems for use in IPv6 testbeds.
- Perform IPsec Interoperability and Conformance testing on devices using standards created by the Internet Engineering Task Force.
- Perform IKEv2 Interoperability and Conformance testing on devices using standards created by the Internet Engineering Task Force.
- Participate in committees that manage operation within company.

Manager

September 2012 to May 2014

McDonalds

- Excelled within service-oriented positions, delivering premium customer service and attracting repeat customers.
- Handled floor operations and work schedules for employees.
- Calculated hourly profit margins and financial gain or loss from daily operation.

PROJECTS

Zorm (github.com/carlson-erik/zorm)

- Zorm is a CLI based tool that's function is to convert Markdown to HTML.
- Zorm's entire codebase is done in Python3 and is being developed to maintain my knowledge of Python3.

carlson-erik.github.io

- carlson-erik.github.io is a website that I built to hold everything that represents me professionally.
- carlson-erik.github.io is built using the framework Bootstrap and is hosted using Github Pages.

TECHNOLOGY SUMMARY

- **Programming Languages:** C, C++, Java, Python3, Bash, Markdown, HTML, and CSS
- **Tools:** Vim, Emacs, Android Studio, Eclipse, and Xcode
- **Operating Systems:** Linux, Mac OSX, and Windows