RYAN SAUNDERS

(801) 391 - 4100 • contact.ryan.saunders@gmail.com
1245 West 1835 North • Lehi, Utah 84043

EDUCATION

University of Utah, School of Computing   Salt Lake City, Utah
Bachelor of Computer Science   2009 - 2016
GPA: 3.97

PROFICIENT SKILLS   ## PREVIOUS SKILLS

Python, Node.js, Angular, MySQL, Docker   PHP, D3.js, Java + Android, C#, C, C++

EXPERIENCE

Qualtrics   *Provo, Utah*
Professional Services Engineer   2016-Present
- I work as a full-stack software engineer developing custom solutions for top clients.
- I work with representatives of world-leading brands to fully implement a range of client requests:
  - I have led a team of engineers in designing and developing a multi-tenant solution for integrating client-specific data seamlessly into the Qualtrics survey distribution platform.
  - I have developed predictive trend analysis techniques to drive sales quota management.
  - I have integrated with social media APIs to stream content from the Qualtrics platform.

University of Utah   *Salt Lake City, Utah*
Flux Researcher   2015-2016
- Contributed to research in network management, SDN, and the mobile network

mDOT   *Salt Lake City, Utah*
Lead Software Engineer   2015-2016
- Developed an Android and Web application awarded $10,000 at a medical innovation competition
- Lead the software design and development towards market prototype

FamilySearch   *Salt Lake City, Utah*
Web Developer Intern   Summer 2015
- Worked in an agile development environment with a large partially remote team
- Continuously delivered new front-end features to millions of users
- Developed in a large AngularJS codebase

University of Utah   *Salt Lake City, Utah*
Computer Science Educator   Summer 2013 and 2014
- Designed and headed a new course contributing to over 50 more students attending the camp
- Created new graphical content to improve the visual programming experience
- Taught six week-long classes to 5 to 20 young students each summer

SOFTWARE PROJECTS

P2P Offloading in Mobile Networks using SDN   2015-2016
Written in Python, and accepted at ACM SOSR 2016
- Primarily author of a research paper accepted at a competitive international networking conference
- Extended research on offloading mobile traffic by implementing a P2P aware OpenFlow controller
- Evaluated the implementation on a mobile network, demonstrating a 50% reduction in latency

Online Portfolio: rhyeen.com
Github Portfolio: github.com/rhyeen