

Joseph Dougherty

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EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY

M.S. IN COMPUTER SCIENCE

Expected Dec. 2019 | Atlanta, GA
Specialization: Interactive Intelligence
GPA: 4.0

RENSELAER POLYTECHNIC INSTITUTE

M.S. IN INFORMATION TECHNOLOGY

May 2012 | Troy, NY
Concentration: Networking
GPA: 3.93

B.S. IN INFORMATION TECHNOLOGY SUMMA CUM LAUDE

May 2012 | Troy, NY
Concentration: Network Engineering
GPA: 3.93

SKILLS

PROGRAMMING

Python • Django • JavaScript • jQuery
react.js • REST API • HTML • CSS
Bootstrap • Selenium • \LaTeX • FHIR
Git • Mercurial • C++ • PHP

SERVER / DATABASE

Apache • nginx • MySQL • PostgreSQL
Oracle Database • BIND • exim • Debian
Ubuntu • Solaris

NETWORKING

TCP/IP • VLAN • STP • Tunneling
OSPF(v3) • EIGRP(v6) • RIP(ng) • BGP
MPLS • Route redistribution

CERTIFICATIONS

Cisco Certified Internetwork Expert
#36650

EXPERIENCE

ORACLE CORPORATION | SENIOR SOFTWARE ENGINEER

July 2012 – March 2019 | Burlington, MA / Albany, NY

- Design, develop, and sustain web tools for Oracle Solaris Engineering group
- Integrate tooling with corporate infrastructure (SSO, LDAP, Bug Database)
- Implement automated functional testing with Selenium to detect regressions
- Serve as on-call rotational Duty Manager for critical customer issues

CISCO SYSTEMS, INC. | CUSTOMER ADVOCACY LAB OPERATIVE INTERN

May 2011 – July 2011 | Richardson, TX

- Recreated customer networks to support Technical Assistance Center engineers
- Diagrammed topologies and documented practices for TAC engineers and CALO teammates

RENSELAER POLYTECHNIC INSTITUTE | TEACHING ASSISTANT

Jan 2011 – June 2012 | Troy, NY

- Taught and assisted students in advanced networking topics and assignments
- Redesigned and configured lab topology of 230+ devices and developed course website with lab device integration

RENSELAER POLYTECHNIC INSTITUTE | SYSTEMS ADMINISTRATOR

April 2009 – June 2012 | Troy, NY

- Managed seven servers for web serving, mail, database, backups, and Windows network
- Audited security and implemented server hardening in Debian/Redhat-based environments

LEADERSHIP AND EXTRACURRICULARS

RENSELAER CENTER FOR OPEN SOURCE Mentored underclassmen and worked both independently and in groups on several open-source software projects

2012 INFORMATION SECURITY TALENT SEARCH Led a five person attack/defend team to 3rd place at the RIT annual security competition

2011 NEW YORK STATE BUSINESS PLAN COMPETITION Awarded 2nd place in Non-profit / Service category for a \$5,000 cash prize

2010 CISCO ACADEMY NETRIDERS Placed 1st in New York state in a two person team to compete in the international finals

AWARDS AND SOCIETIES

- 2016 Oracle RPE Manager's Discretionary Award
- 2011 RPI Founders Award of Excellence
- 2011 Gamma Nu Eta national Information Technology honor society
- 2011 Upsilon Pi Epsilon national Computer Science honor society