

Joseph Dougherty

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EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY

M.S. IN COMPUTER SCIENCE

December 2019 | Atlanta, GA

Specialization: Interactive Intelligence

GPA: 3.90

RENSSELAER 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
SD-WAN • VPN • OSPF(v3)
EIGRP(v6) • RIP(ng) • BGP • MPLS
Route redistribution

CERTIFICATIONS

Cisco Certified Internetwork Expert
#36650

HONORS & AWARDS

- 2020 ThousandEyes Hack Day: Business Value Award
- 2020 ThousandEyes FY20 Solutions Engineering Innovation Award
- 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

EXPERIENCE

PRINCIPAL ENGINEER | PERFECT PACKET

June 2021 - Present | Albany, NY

- Lead professional services team in designing and deploying bespoke solutions

INSTRUCTIONAL ASSOCIATE | GEORGIA INSTITUTE OF TECHNOLOGY

May 2020 - Present | Albany, NY

- Develop assignments for graduate-level software analysis course
- Support students' learning in one-on-one office hours sessions
- Assess student submissions for correctness and identify academic misconduct

PRODUCT MANAGER | THOUSANDEYES

Feb 2021 - April 2021 | Albany, NY

- Led the development of the Browser Synthetics product
- Worked with Marketing, Sales and Support to create customer-driven messaging, sales enablement tools and thought leadership materials to execute the go-to-market strategy
- Sunset legacy product and migrated hundreds of customers to replacement

SENIOR SOLUTIONS ENGINEER SPECIALIST | THOUSANDEYES

June 2020 - January 2021 | Albany, NY

- Supported technical sales process as global specialist in Browser Synthetics
- Established and enhanced demonstration and training materials

SOLUTIONS ENGINEER, NEW ENGLAND | THOUSANDEYES

June 2019 - May 2020 | Albany, NY

- Built and maintained technical and trusted advisor relationships with customers
- Scoped and architected solution deployments

SENIOR SOFTWARE ENGINEER | ORACLE CORPORATION

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

- Designed, developed, and sustained web-based tooling for Oracle Solaris management and engineering with Python/Django and Javascript/jQuery
- Integrated tooling with corporate infrastructure (SSO, LDAP, Bug Database)
- Implemented automated functional testing with Selenium and Jenkins to detect regressions and validate new functionality
- Served as on-call Duty Manager for external customers' critical issues

CUSTOMER LAB OPERATIONS | CISCO SYSTEMS, INC.

May 2011 - July 2011 | Richardson, TX

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

TEACHING ASSISTANT | RENSSELAER POLYTECHNIC INSTITUTE

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

SYSTEMS ADMINISTRATOR | RENSSELAER POLYTECHNIC INSTITUTE

April 2009 - June 2012 | Troy, NY

- Managed 7 servers for web, mail, database, backups, and Windows network
- Audited security and implemented server hardening in Debian & CentOS