

SECURITY CLEARANCE

TOP SECRET / SCI with Polygraph

Jun 2017 - Present

PROFESSIONAL EXPERIENCE

Software Engineer | Bit Systems, Sterling, VA

Jul 2016 - Present

Work on a team developing a powerful software platform to facilitate mission data ingestion, persistence, and real-time analysis with a modern web application based client

Tasks range from full-stack application development, database design, file system infrastructure enforcement, peer code review, technical documentation, and configuration of integrated systems in classified environments

Technologies: Grails, Groovy, Java, AngularJS, Puppet, PostgreSQL, HTML, CSS, Shell Scripting, and others

Computer Law and Ethics TA | George Mason University, Fairfax, VA

Jan 2016 - Jul 2016

Received the 2016 Distinguished Undergraduate Teaching Assistant Award from the GMU Computer Science Dept.

Assisted students with legal research for landmark computer/software related cases; Grading responsibilities

Internship (Software Engineer) | Bit Systems, Sterling, VA

May 2015 - Aug 2015

Developed a caching system to optimize the delivery of large and bursty data for an enterprise Java application

Technologies: Java, PostgreSQL, Spring Framework, Camel, ActiveMQ, JMS, Javascript, Ant, XML (JAXB)

EDUCATION

George Mason University | Fairfax, VA

Aug 2012 - May 2016

B.S. in Applied Computer Science with a concentration in Software Engineering

Cum Laude

GPA 3.52

TECHNICAL SKILLS

Languages	Java, Groovy, Javascript, PostgreSQL, Shell Scripting, HTML, CSS, C, Python, PHP, Ruby
Frameworks	Grails, AngularJS, Spring, Apache HTTP Server, J Unit, Camel, JMS, Bootstrap
Markups	XML, JSON, Protobuf, YAML, eRuby
Tools	Git, Puppet, IntelliJ IDEA, Docker, Ansible, Eclipse, Linux Package Managers, Maven, Ant
Technical Infrastructure	Gitlab, Jenkins, Koji, Tito, Spacewalk, JIRA, Confluence, Google Compute Engine, libvirt, VMWare ESXi, Virtual Box, oVirt, LVM, Networking, SSL, systemd
Design Paradigms	ORM, MVC, Use Case Analysis (UML), Technical Writing, Graphical & Multimedia Design
Operating Systems	Linux (Red Hat & Debian based distros), Windows (all distros), OS X (all distros)

ACCOLADES / COMMUNITY OUTREACH

Top 5 at VT Hacks Hackathon: CNFSR | Virginia Tech, Blacksburg, VA

Jan 2015

Developed a collegiate confessions network CNFSR (Confessor) within 36 hours in a team of three peers at Virginia Tech hackathon with 45+ teams; placed top five and presented CNFSR to a stadium audience

Community Programming Initiative | George Mason University, Fairfax, VA

Feb 2014

Taught MIT's Scratch language to groups of children (ages 9 - 14), promoting youth interest in programming