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EMPLOYMENT

DevOps Security Engineer   **Cloud9 Technologies LLC**   **Nov 2017 – Present**
- Developed rules using AWS Config and AWS Lambda to monitor & enforce security policies.
- Worked with auditors to ensure that our infrastructure met SOC2, ISO and TPO requirements.
- Hardened and deployed webservices and infrastructure in both AWS and GCP and proactively identified and resolved security issues.
- Developed infrastructure as code and configuration management using Terraform and Puppet.
- Mediated and resolved production issues as part of a 24/7 on-call rotation.
- Deployed an ASR Machine Learning model and scaled the model for production workloads.

Security Consultant   **Accenture**   **Jun 2013 – Nov 2017**
- Architected and deployed global, customer-facing IAM solutions with up to 20M users.
- Worked in an agile environment and designed the CD & CI workflows using Jenkins.
- Worked with CloudFormation, Ansible, AWS, Ruby, Java, Spring, SQL, and several IAM tools including ForgeRock, Oracle and Salesforce Identity.
- Worked on numerous internal development projects in addition to project work, including a Spring Security XACML PEP, infrastructure and configuration build automation, and sales demos.
- Promoted to Security Sr. Analyst in May 2014 and to Security Consultant in December 2016.

Systems Integration Intern   **Accenture**   **Summer 2012**
- Created automated test scripts for an insurance quoting application using Selenium, XSLT and JUnit.

Investment Analyst Intern   **UCONN Foundation**   **Fall 2011 – Spring 2012**
- Collected and analyzed endowment performance and evaluated prospective investments.
- Automated performance metrics generation and reduced monthly analysis time by 30%.

Engineering Intern   **Sikorsky Aircraft**   **Summers 2010 – 2011**
- Created a C# application that allows users to design multi-factor displays and auto-generates flight critical C++ code that reflects the design and runs on an embedded system.
- Applied the CMMI management model and helped prepare for two Class C appraisals.

EDUCATION

Storrs, CT   **University of Connecticut**   **Fall 2009 – May 2013**
- B.S.E. in Computer Science & Engineering with Honors, May 2013. GPA: 3.6
- B.S. in Finance with Honors, May 2013. GPA: 3.6

ADDITIONAL EXPERIENCE & PROJECTS

- **Recurse Center (2017):** Participated in a six week program where I completed a machine learning competition, developed a distributed hash table in Go, and studied OS fundamentals.
- **Back on My Feet Co-Lead (2014 – 2017):** Lead a volunteer partnership between Accenture and Back on My Feet NYC, engaging hundreds of volunteers for 30+ events over 3 years.
- **Undergraduate Honors Thesis (2013):** Applied statistics and financial math to evaluate equities in the S&P 500 for pairs trading and validated strong candidate pairs on live trading data.
- **Undergraduate Researcher (2010 – 2012):** Developed and implemented algorithms in bioinformatics, specifically to identify transcription factor binding sites and align genes across species.

LANGUAGES AND TECHNOLOGIES

- C++ (Prior Experience); C# (Prior Experience); Go (Prior Experience); Java (Proficient); Python (Proficient); Ruby (Prior Experience); SQL (Proficient);
- AWS; Oracle RDBMS; Git; Ansible; Jenkins; Docker; OpenDJ; LDAP;