Resume

- Find me on LinkedIn

Currently working to secure cloud infrastructure

Recent Tools

Things I've been using lately.

- Github & GitLab
  - Markdown
  - Travis CI
- Python
- Puppet
  - Ruby (spec/rake testing)
- Ansible
  - Molecule
- Linux Shell
  - BASH
  - ZSH
- Vagrant
- Terraform
- AWS
- Digital Ocean
- Google Cloud
- Docker

Experience

Salesforce

- Oct 2014 - Current
- Data Science & Network Forensics team
  - SecDevOps building security data platform & infrastructure
  - automate cluster buildouts
    * Splunk
    * Hadoop, Spark
    * Airflow
  - CI/CD pipeline architecture design and implementation
  - Mentor junior infrastructure security engineers

Exact Target & Salesforce

- Jan 2014 - Oct 2014
- Create monitoring and administration tools in Linux environments.
- Facilitate deployment of custom cloud applications as a github site admin, chef admin, etc.
- Develop secure build/deployment processes.
- Train engineers & teams on various open source software and build/deployment processes.
- Port existing Windows C# web-based deployment tools to Linux/Python (Sledgehammer project).
- Support loading major releases to stacks every 6 weeks.
- ExactTarget was acquired by Salesforce in August of 2014

Indiana University

- Aug 2012 – Dec 31st, 2013
- Principal Research Software Engineer
- Test Architect in Software Defined Networking Lab, designed test cases and direct test efforts on openflow networks.
- Wrote web based tools for GENI/GEMINI project.
- Assistant instructor for undergraduate networking (lead discussions, create and grade homework, and proctor exams).
- Research very high capacity storage solutions and high speed network connections.

Nokia Siemens Networks

- April 2011 – July 2012
- Senior R&D Engineer

Motorola

- Jan 1999 - April 2011
- CDMA Cellular base station product development.

McHenry County College

- August 2006 –June 2011
- Adjunct Faculty
- Taught information systems courses

Education

DePaul University, MS Network Security/Network Engineering

- Studied network protocols, network design, focus mostly on lower 4 layers of OSI.
- About half Network Security and half Network Engineering courses.
- Program information

Northwestern University, MS Computer Info Systems

- Agile, OO Methods.
- Relational Database specialization.
- Java programming, interactive web apps with Apache/Tomcat.
- Program information

Roosevelt University, BS Computer Science

- C++ based cirriculum.
- Minor mathematics.

Code and Projects

- Administer The Hacker Cookbook just for fun
- Cyber Shield 2018 - Trainer - (Infrastructure) Blue Team Tools & Tehcniques
    - Here is a link to the event
- Electronic badges, for example, the bat badge

- – Here are some pictures of it
- I run @indybsides security conference
  - – Here are some pictures of it