

EXPERIENCE

Senior Software Engineer



CloudLock • Waltham (United States - Massachusetts) • Full-time • Since November 2014

- ▶ Pushed forward an initiative to separate our monolithic application into a set of microservices
- ▶ Supporting Collaboration Security customers until they can be migrated

Software Engineer



CloudLock • Waltham (United States - Massachusetts) • Full-time • August 2010 - November 2014

- ▶ Implemented various new features including (but not limited to) the Policy Engine, Export, and End User Policy Notifications
- ▶ Refactored the backend for the Collaboration Security product in all major areas
- ▶ Advocated and championed the use of sound engineering techniques such as unit testing, continuous deployment, and code review
- ▶ Contributed to core architecture design on Collaboration Security and others via writing technical documentation and attending design meetings
- ▶ Earned the technical lead role for the Collaboration Security Project

Software Development Intern



Basis Technology • Cambridge (United States - Massachusetts) • Internship • January 2009 - June 2009

- ▶ Enhanced the functionality of the open-source project PDFBox to support Arabic Text
- ▶ Produced valuable bug reporting information to the Apache Community responsible for the project
- ▶ Updated the regression test suite to match the changes made to PDFbox

Peer Tutor for Mathematics

Northeastern University • Boston (United States - Massachusetts) • Part-time • September 2007 - December 2008

- ▶ Exhibited patience when explaining complex problem solving methods to peers
- ▶ Learned to tailor the help provided on a case by case basis quickly and effectively

Software Engineering Intern



MITRE • Bedford (United States - Massachusetts) • Internship • January 2008 - June 2008

- ▶ Received United States Security Clearance: S – Secret
- ▶ Developed software for a prototype GPS solution commissioned by the Air Force
- ▶ Demoed prototype for members of the military at a Tech Demo on Hanscom Air Force Base

Student Engineering Assistant



Raytheon • Marlborough (United States - Massachusetts) • Internship • January 2007 - June 2007

- ▶ Wrote a module that will take radar data and re-orient the tracks to north
- ▶ Created a set of scripts which generate simulation data for use in a full-load test of the system
- ▶ Submitted error reports for tests that went awry

Software Developer

Armadyne Inc • Newport (United States - Rhode Island) • Internship • June 2006 - August 2006

- ▶ Developed a UI for a web application used for web site creation
- ▶ Created a client-side application that generates ASP files from XML/XSL
- ▶ Learned how to manage package structures and tenets of modular programming
- ▶ Migrated existing websites in ASP to new web servers in ASP.NET

SKILLS

Programming Languages

- | | |
|--------------|-------|
| ▶ Python | ●●●●● |
| ▶ Javascript | ●●●●● |
| ▶ Java | ●●●●● |
| ▶ Go | ●●●●● |
| ▶ C# | ●●●●● |
| ▶ Haskell | ●●●●● |
| ▶ Rust | ●●●●● |
| ▶ C/C++ | ●●●●● |

Back-end Web Application Development

- | | |
|--------------|-------|
| ▶ Django | ●●●●● |
| ▶ Flask | ●●●●● |
| ▶ PostgreSQL | ●●●●● |
| ▶ Celery | ●●●●● |
| ▶ SQLAlchemy | ●●●●● |

Cloud Platforms

- | | |
|-----------------------|-------|
| ▶ Google App Engine | ●●●●● |
| ▶ Heroku | ●●●●● |
| ▶ Amazon Web Services | ●●●●● |

Front-end Web Application Development

- | | |
|-------------|-------|
| ▶ jQuery | ●●●●● |
| ▶ AngularJS | ●●●●● |
| ▶ React | ●●●●● |
| ▶ RxJS | ●●●●● |

Languages

- | | |
|-----------|-------|
| ▶ English | ●●●●● |
|-----------|-------|

INTERESTS

HackerRank.com problems

- ▶ Worked through the first few sets of practice problems in the algorithm and functional programming sections of the site
- ▶ <https://www.hackerrank.com/jstnlef>

MIT Battlecode Open Competition Jan 2010 - April 2010

- ▶ The competition is an application of autonomous behavioral programming for virtual robots

EDUCATION

Bachelor of Science

Northeastern University • September 2005 - May 2010

- ▶ Major: Computer Science
 - Minor: Mathematics
 - GPA: 3.360/4.000
 - Honors: Dean’s List, Dean’s Scholarship, The National Society of Collegiate Scholars
 - Activities: Association for Computing Machinery: Northeastern Chapter (NUACM)

- ▶ The entire project is written in Java using their specialized competition package as well as the standard java libraries

Hobbies

- ▶ Martial Arts: Ninjutsu since 2001 – 2nd degree Black Belt
- ▶ Science Fiction, Artificial Intelligence, Robotics, Learning Systems, Science and Math innovations, Role Playing and Board Games, Video Games (both playing and coding)