

# ANDREW CROSBY

SOFTWARE DEVELOPER

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## Profile

Discovered that my passion is with coding and currently building up my skills. Goal: to build deep coding skills on a dev team.

## Technologies

Python	MongoDB	Ansible	PostgreSQL
Flask	Django	git	JIRA
VueJS	Celery	Splunk	Nginx/Gunicorn
Linux Ubuntu	Bootstrap	Deep Learning	AWS

## Education

### MOOC Certificates

Udacity Nanodegree: Deep Learning (expected May 2018). Coursera: [Intro to Data Science](#), [Python Data Structures](#) Udemy: [VueJS 2 Complete Guide](#)

### North Carolina State University - Continuing Ed

Courses included: Data Structures & Algorithms (Java), Computer Networks, Technology Entrepreneurship, Change Management for Engineers

### University of Virginia - BS Electrical Engineering

Concentration in Digital Systems, included CS courses: Software Dev Methods (C++), Computer Architecture (assembly), Computer Organization & Design, Software Engineering

## Experience

### Software Developer

Feb 2017 - Present

#### Self-Study with Certificates

Studied for 1+ year web dev frameworks and built personal projects

### Jobposts + Tasks

2018

#### Personal Project

- Built jobpost data aggregation tool in Python, Django framework with PostgreSQL backend, and Celery - [jobposts.awctech.com](https://jobposts.awctech.com)
- Created task management dashboard to track batch and manual tasks
- Wrote provisioning logic for jobpost tool with Ansible and deployed on AWS

### Watchlst.com

2017

#### Personal Project

- Built movie search app in Python, Flask, Nginx/Gunicorn, MongoDB, VueJS, Ansible - [watchlst.com](https://watchlst.com)
- Added VueJS frontend to let user filter their watchlist by availability
- Architected data aggregation logic with weekly batch job and API sources

### Technical Project Manager

Mar 2015 - Sep 2016

#### Johns Hopkins Medicine

- Maintained test environments for integration
- Coordinated production install across teams (VM, Desktop, Cloud, Network Security, LDAP, SSO, devs)
- Troubleshot vendor builds and production go-live
- Successfully rolled out 3 new enterprise systems for EMR

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## Product Owner + Devops

itMD

Jun 2013 - Dec 2015

- Automated all test env upgrades with bash script
- Wrote SQL queries for weekly metrics
- Planned out Splunk log monitoring, JIRA workflow, and release process

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## Product Owner + Devops

Johns Hopkins Medicine

Aug 2011 - June 2013

- Configured and launched web app to store and transfer medical images
- Maintained production and test environments with sysadmin and dev
- Analysis of app log files for troubleshooting
- Responsible for vendor assessment, release planning, feature roadmap, workflow enhancements

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## Web Developer

Freelance

Nov 2010 - Aug 2011

- Built e-commerce sites (PrestaShop CMS), and static marketing sites (Drupal, custom)
- Coded Google map integration into custom PHP site for food delivery startup

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## Consultant

Accenture

Feb 2006 - Nov 2010

- Lead functional designer for 2010 Census mobile app deployed to 120,000 devices
- Liason between dev team and customer for feature enhancements
- Ran team for functional app testing
- Architected mobile solution for nurses, authored strategy reports for mobile devices

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## Software Developer

Accenture

Jan 2005 - Feb 2006

- Coded business logic and front-end of native Windows smartphone app in C#
- Integrated with custom data-access layer using Sybase database
- Wrote mapping API doc and integrated app with embedded mapping