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	APIs	Deep Learning	AWS

Education

MOOC Certificates
Udacity: Deep Learning Nanodegree
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
- 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
- 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 to support Electronic Medical Records

Product Owner + Devops
itMD, LLC

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

Product Owner + Devops
Johns Hopkins Medicine

Aug 2011 - June 2013

- Configured and launched web app to store and transfer medical images
- Maintainted 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

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

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

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

Andrew Crosby — andrew@awctech.com