Robert J. Williams III

NYC Metro Area   http://robwilliams.me   https://github.com/robwil   contact@robwilliams.me

EDUCATION:
Stevens Institute of Technology, Hoboken, NJ   2008-2012
M.S. / B.S. Computer Science
- Valedictorian of undergraduate class with 3.98 undergraduate GPA, 4.0 graduate GPA, and 4.0 in Computer Science coursework
- Accelerated 4-year plan earning both master's and bachelor's degrees

EXPERIENCE:
Freelancing for a startup and international non-profit organization   June 2013 – Present
Software Engineer, Consultant
- Inherited a large Rails/Angular code base for a new social network startup. Added aggressive caching, conditional GET support, and frontend tests to get the app ready for launch, then provided maintenance and additional performance improvements since.
- Worked with stakeholders to gather requirements, design, and implement a full-stack web application prototype in Rails. With prototype approved, the final app is developed in Angular/Node and designed to scale to thousands of concurrent users.

Netsoft USA, New York, NY   August 2012 – June 2013
Software Engineer, Associate
- Worked as the primary developer doing full-stack work on a Java/Spring web application used for a major international health insurance provider, with several integration points (Salesforce, Google Analytics, backend insurance policy web services, ETL).
- Designed and implemented a component to support customizable sales journeys and increase broker business, complete with granular Google Analytics tracking and dynamic e-mail templates.
- Created and documented Powershell and batch scripts for automating code deployment tasks, saving 2 hours per deployment.
- Served as liaison between client DBAs and Netsoft developers, organizing and communicating dozens of SQL scripts.
- Ported the company website to Wordpress by writing custom themes, plugins, and widgets, in addition to automated scripts for content migration, reducing the time to post an article from 1 hour to 5 minutes.

Amazon.com, Seattle, WA   June 2011 – August 2011
Software Development Engineer Intern, Buyer Fraud Services
- Implemented data flows to expose new information to risk models. Data was gathered from across the company and flowed through various Tier 1 web services before being persisted and acted upon.
- Coded using Java and C++; all contributions were deployed and are in production use (executed with every Amazon order!).

Goldman Sachs, New York, NY   June 2010 – August 2010
Technology Summer Analyst, Mortgage Systems
- Designed and implemented full-stack enhancements to the primary client facing tool for loading loan information, including giving users capabilities previously only IT could perform, and workflow improvement via redesigned GUIs and new features.
- Coded using company's proprietary programming language; all changes were fully deployed and are in production use.

TECHNICAL SKILLS:
- Used for production apps: Ruby/Rails, AngularJS, Java/Spring/Hibernate, PHP/CodeIgniter/Wordpress, Backend C++, HTML5/CSS3, Bootstrap, jQuery, Heroku, Selenium, TDD, Git
- Exposed to and used for personal projects: NodeJS/Express, C#, Perl, Python, Scala, AWS, Apache, Tomcat
- Thorough experience with all major OS platforms: Windows, Mac, Linux; VMWare; VPS configuration

RELEVANT PROJECTS:
- Created Rails web/mobile app for bars/restaurants that allows customers to view menu, order drinks and food, and pay with their Amazon payment credentials. Deployed to Heroku and developed workaround to lack of WebSocket support (not supported by Heroku when we were doing this project).
- Developed OpenMRS module that allows secure transfer of patient data among rural medical clinics. Utilized Java EE (Spring).

HOBBIES/COMMUNITY SERVICE:
Travel, Creative Writing, Photography, Cinema, Stock Trading, Hoboken Grace Church website lead (Present), True Mentors Program Coordinator (Spring 2011)

U.S. Citizen, References Available Upon Request