

Alaa Awad

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<http://awadalaa.github.io/>

Profile

Professional developer with broad technical experience seeking a creative environment with a motivated team to design, develop, integrate, and support web/mobile applications and services. Thrives with new technologies and languages.

Professional Experience

Allen & Company

Lead Developer/DBA

Manage small teams of 2-3 software engineers for web and mobile application development.

Communicate with clients, vendors, and staff on a daily basis. Technical tasks include database administration (MSSQL), web development (.NET, C#, IIS, HTML, CSS, Bootstrap, JavaScript), mobile app development (iOS, Objective-C), and Report Writing (SSRS).

Mar 2012-Present

New York, NY

Karolinska Institute (Center for Psychiatric Research)

Software Consultant

Designed and developed IVR (voice recognition) systems to be used in psychiatric research studies.

Secondary role included designing and developing a patient tracking website using PHP. Also developed <http://escreeen.se> (.NET, C#, IIS, ASP.NET MVC), full site design and development to be used for alcohol study.

Sept 2010-Mar 2012

Stockholm, Sweden

Boston Medical Center (Medical Information Systems Unit)

Application Developer

Worked with medical researchers around the world to develop interactive voice response systems using Speechworks API with C++ or Python to manage patient data in an Oracle SQL database. Built automated testing tools and python framework to interface with future IVR applications. Setup and maintained useful infrastructure tools: Bugzilla, MediaWiki, SVN/Git.

Aug 2008-Jan 2011

Boston, MA

Panasonic Automotive Systems of America

Software Integration Test Engineer

Conducted integration testing for GM car stereo systems. Created test plans/procedures, automated testing tools, and communicated with software developers to verify and resolve defects.

Mar 2008-Aug 2008

Atlanta, GA

Education

Boston University

Bachelor of Science in Electronic Engineering

May 2007

Technical Skills

Java, Maven, Python, NodeJS, AngularJS, Express, Hibernate, .NET, ASP.NET MVC, IIS, C, C++, C#, HTML, CSS, JavaScript, OOP, iOS, Objective-C, SQL, Android

Side Projects

Canvass.org (team of 4)

Java, Hibernate, MySQL, AngularJS

Canvass is a web based public advisory tool designed to inform elected officials of the opinions of their constituents. The backend is written in Java and MySQL while the front end uses AngularJS

Stash (team of 2)

Android, Java

Stash is a location based social networking application for android. The idea is to stash an image, audio, video or text at your current location. When a follower comes upon that location they are notified of your stash. Implemented API endpoints and GPS Service

Commutr (sole developer)

iOS, Objective-C

commutr is an iOS application utilizing the new multipeer connectivity APIs in iOS7. The application allows commuters to send text message and stream music with direct wifi and Bluetooth.

Squidvent (sole developer)

MongoDB, Express, AngularJS, NodeJS

An event planning web application for planning events and activities. The application includes facebook authentication and has an iOS counterpart for event planners on the go. This was a weekend side project that has evolved into a weekly project.