

# 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, Cocoa Touch), 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://escreen.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 University 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 scaffolding tools for building projects out of script templates.

**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

### **www.squidvent.com (sole developer)**

**MongoDB, Express, NodeJS, iOS**

An event planning web application and iOS application for coordinating events, attendees, and activities.

### **Mobileremote.herokuapp.com**

**Express, NodeJS, Socket.IO**

A web based remote control for watching youtube and controlling it from your phone. Uses websockets to broadcast and receive events between server, and two clients (remote and display)

### **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.