

# Alaa Awad

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## Objective

Software engineer with several years of experience seeks to build a deeper foundation in computer science building on years of industry experience. Interested in participating in academic research and advancing career options.

## Experience

Etsy, Inc. Jan 2015–Present  
Software Engineer – Advertising Team Brooklyn, NY

- Helped implement a real time digital advertising auction – Etsy’s highest-margin revenue service
- Built Etsy’s external advertising suite to advertise on Facebook and Google with the click of a button
- Helped write algorithms to automatically bid on ad auctions and rank items in our search stack

Allen & Company Mar 2012–Jan 2015  
Lead Developer – Corporate Events New York, NY

- Managed teams of local and international software contractors
- Developed a web content management system used for conference planning
- Developed iOS mobile applications for real time event planning
- System/Database administrator – Microsoft Server/IIS, MS SQL Server

Karolinska University Sept 2010–Mar 2012  
Software Consultant – Center for Psychiatric Research Stockholm, Sweden

- Designed and developed IVR (voice recognition) systems (Envox)
- Built web applications to track patients in alcohol intervention research studies

Boston University Medical Center Aug 2008–Jan 2011  
Application Developer Boston, MA

- Assisted researchers across several universities to develop interactive voice response systems written in C++ utilizing speech works API
- Worked with researchers to gather requirements and develop software needed for numerous grant research projects
- Built content management systems to allow researchers to input data

Panasonic Automotive Systems of America Mar 2008–Aug 2008  
Software Integration Test Engineer Atlanta, GA

- Conducted black box and integration tests for GM car stereo systems
- Developed test plan procedures and automated testing tools using LabView

## Education

Boston University

May 2007

Bachelor of Science degree in Electrical Engineering

## Technical Skills

PHP, Java, Python, Scala, Scalding, Hadoop, Machine Learning, Auction Theory, NodeJS, Express, Hibernate, IIS, C#, HTML, CSS, JavaScript, Objective-C, Android, SQL, Digital Advertising

## Extra Curricular Projects

[www.squidvent.com](http://www.squidvent.com)

MongoDB, Express, NodeJS

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

[Basma Card Game](#)

iOS, Objective-C, SQLite

Featured in the Apple app store for some African regions, Basra Card Game is a mobile app for playing the famous Egyptian fishing card game.

[Commutr](#)

iOS, Objective-C

An iOS application utilizing iOS7s multipeer connectivity API. The application allows commuters to send text message and stream music with direct wifi and Bluetooth.

More projects can be found at [awadalaa.github.io](http://awadalaa.github.io) or [github.com/awadalaa](https://github.com/awadalaa)