

## EDUCATION

### Carnegie Mellon University

B.S. in Information Systems with  
2nd major in Human-Computer  
Interaction

Minor in Computer Science

Graduated May 2011 | GPA 3.51 / 4.0

Deans List: S08 - S10, S11

### Courses

Data Structures and Algorithms

Web Applications

Intro to Computer Systems

Distributed Systems

Programming Usable Interfaces

HCI Interaction Methods

Basic Interaction Design

Application Design and Development

## SKILLS

### Programming

Java, C#, C, WPF, SQL

Familiar with Ruby, Python,

Javascript, PHP, Actionscript, ML

### Software & Tools

Eclipse, Visual Studio, MS SQL

Server, Vim, GDB, Maven

Familiar with Adobe Creative

Suite Applications

### Operating Systems

Mac OS X, Unix, Linux, Windows

## ACTIVITIES

### Chairman

Activities Board | 2008 - 2011

### Course Assistant

Intro/Interm. Programming | 2009

## EXPERIENCE

### Citi | Technology Analyst

July 2011 - PRESENT | New York, NY

Developed application to report aggregate risk across multiple desks for front-office users with C#, WPF, WebServices, and SQL using MVVM framework and scrum agile development. Features include management, trader, and support views generated by database to allow quick modifications for meeting client demands.

Contributed to trade processing system interface built in WPF and C# by generating a screen to display trade information for North America traders. Included working KDB database and services. Optimized integration test scripts with Ruby

### Citi | Technology Intern

June 2010- August 2010 | New York, NY

Tested integration of 6 systems that processed trades for 23 different security types and interfaced with clients to understand business requirements for a data reconciliation tool.

## PROJECTS

### Eye Tracking Solitaire

Jan 2011 - May 2011 | Pittsburgh, PA

Created a version of solitaire where all interactions with cards are triggered through eye movements by integrating it with eye tracking software.

### Social Hotspot

August 2010 - March 2011 | Pittsburgh, PA

Developed an interactive website to display various social risks (e.g. child labor, education issues) for all countries using a GWT geomap display with on-click drill downs for each country and a Google Spreadsheet for a database.

### mmMobile

Jan 2009 - May 2009 | Pittsburgh, PA

Invented and developed a system that allows people to order food via text message or mobile web and have it delivered to their seat for an event such as a sports match.