

# CRAIG BROWN

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## EDUCATION

- **The George Washington University** Sept 2008 – May 2012  
School of Engineering and Applied Science  
Washington, DC  
Majors: B.A. Computer Science (May 2012)  
– Digital Media Concentration  
B.S. Economics (May 2012)
- **National University of Singapore** Aug 2010 – Dec 2010  
School of Computing – Student Exchange Program  
Lower Kent Ridge Road, Singapore
- **General Assembly – NYC** Dec 2013 – March 2014  
Intensive Non Degree Program – 12 weeks  
New York, NY  
Subject: User Experience Design (March 2014)

## WORK EXPERIENCE

### JPMorgan Chase & Co

July 2012 – Present

Lead Developer (As of February 2014)

New York, NY

- Developed UI code in python for a new securities analytics application, including generic templates for extensibility.
- Developed back end support for daily pricing feeds interfacing with an internally developed SQL based DBMS.
- Lead a team of 8 developers across 2 teams to deliver the 3<sup>rd</sup>, 4<sup>th</sup> and 5<sup>th</sup> releases a securities revaluation project.
- Wrote technical documentation describing price testing calculations for multiple applications across my team.
- Organized and led several major meetings (up to 39 people) with both internal and external business partners across Wall Street.

### GWU Instructional Technology Lab

March 2011 – December 2011

MS Surface Development Intern

Washington, DC

- Pioneering multi touch, NUI based software applications for the Microsoft Surface.
- Developed a 3D campus map application based on a Bing maps control, using C# and XAML.
- Wire-framed and developed a multi touch, interactive tutoring application.

### University of Maryland (UMBC)

May 2011 – July 2011

DREU Research Fellow (Paper published in TEI 2012)

Baltimore, MD

- Conceived and developed a software system for blind individuals to automatically and rapidly generate tangible 3D derivatives of traditional 2D graphs using 3D printers.
- Integrated three major open source projects via Python and OpenSCAD scripts.
- Conducted user studies to garner feedback from visually impaired professionals in economics, statistics, and technology.

### Disaster Accountability Project

May 2010 – July 2010

Web Development and Graphic Design Intern

New York, NY

- Developed PHP, HTML, and CSS code for the prototype of the new Disaster Accountability website.
- Graphic design included a conference poster, pamphlet, and invitation card for a conference, all done in Photoshop.

## ACTIVITIES

### GW Asian Business Association – America

Fall 2011 – Spring 2012

Co-Founder and VP Technology

- Technical Communications Director, Website Developer/Master, and co-founding member of a professional organization geared around Asian business practices and culture.

### Delta Sigma Pi – Xi Rho Chapter

Spring 2010 – Spring 2012

Brother

- Active brother of a professional business and economics fraternity.

### GW Bhangra Competitive Dance Team

Fall 2008 – Spring 2009

Dancer and Designer

- Danced competitively and designed flyers for team fund raising events.

## SKILLS

### Programming Languages

Python, Javascript, HTML, CSS, SQL, XML

Familiar with: C/C++, OpenSCAD

### Software

Omnigraffle, Tumult Hype, Photoshop, Invision, Inkscape, 3D Studio Max, Stata, Excel

Familiar with: Flash, Illustrator, MS Blend

### Tools & Frameworks

Express.js, Bootstrap, Responsive Grid System

Familiar with: Django, WPF