



CRAIG BROWN

201.403.6107
cbrown1616@hotmail.com
www.student.seas.gwu.edu/~cbrown16

Address: 333 East 70th St. Apt. 11, New York, New York, 10021

EDUCATION

The George Washington University (GPA – 3.20/4.0)

School of Engineering and Applied Science

Majors: B.A. Computer Science (May 2012)

– Digital Media Concentration

B.S. Economics (May 2012)

Sept 2008 – May 2012

Washington, DC

National University of Singapore

School of Computing – Student Exchange Program

Aug 2010 – Dec 2010

Lower Kent Ridge Road, Singapore

RELEVANT COURSEWORK

Software Engineering I, Discrete Structures I, Computer Architecture, Computer Graphics I, Database Systems, Design and Analysis of Algorithms, Operating Systems, Design of Computer Animation I & II, Intermediate Micro and Macroeconomics, Business and Economics Statistics I & II, Econometrics, Financial Economics, Linear Algebra I, Game Theory, Public Finance, Economics Research Thesis

WORK EXPERIENCE

JPMorgan Chase & Co

Technology Analyst – Application Developer

July 2012 – Present

New York, NY

- Developed UI code in python for a securities analytics application, including generic templates for extensibility.
- Developed back end support systems interfacing with an internally developed database management system.
- Wrote technical documentation describing price testing calculations for multiple applications across my team.
- Organized and led several small meetings (up to 6 people) within my team.

GWU Instructional Technology Lab

MS Surface Development Intern

March 2011 – December 2012

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.
- Began wire-framing and developing an interactive tutoring application.

University of Maryland (UMBC)

Undergraduate Research Fellow (Paper published in TEI 2012)

May 2011 – July 2011

Baltimore, MD

- Conceived and developed a software system for blind individuals to automatically and rapidly generate tangible 3D derivatives of traditional 2D graphs.
- 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

Web Development and Graphic Design Intern

May 2010 – July 2010

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

Co-Founder and VP Technology

Fall 2011 – Spring 2012

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

Delta Sigma Pi – Xi Rho Chapter

Brother

Spring 2010 – Spring 2012

- Active brother of a professional business and economics fraternity.

GW Bhangra Competitive Dance Team

Dancer and Designer

Fall 2008 – Spring 2009

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

SKILLS

Programming Languages

Python, C#, WPF, XML, HTML, CSS

Familiar with: Java, C/C++, SQL, OpenSCAD

Software

Photoshop, Dreamweaver (Both CS4), Inkscape,
3D Studio Max, Expression Blend, Stata, Excel

Familiar with: Flash, Illustrator, Maya

Operating Systems

Mac OS (w/ Unix shell), Microsoft Windows