

Douglas Chau

16 Cedar Lane, Douglaston, NY 11363 - (917) 415 9446 - dougjchau@gmail.com

Education

Thomas J. Watson School of Engineering and Applied Science Binghamton University

Bachelor of Science in Computer Science, expected May 2015

Cumulative GPA: 3.7/4.0

Dean's List: Fall 2011 – Spring 2013

Experience

Dow Jones & Company

June 2013 – August 2013

Information Security / Technology Intern

- Successfully built a prototype application from scratch as a proof of concept for a potential product that Dow Jones can offer its customers.
- Gave demos of final project to the CEO, CIO, managers, and other members of the Dow Jones company.
- Adapted and quickly learned new technologies; worked extensively with Python, JavaScript, the Django web framework, relational databases, Amazon Web Services (AWS), and Github

Ernst & Young Trajectory Program

January 2013 – April 2013

- Developed a Business Impact Analysis tool, written in Visual Basic for Microsoft Excel, to aid banks in determining critical bank functions
- Led a team of 6 members in the completion of weekly deliverables that are presented to *Ernst & Young* facilitators at end of week call conferences
- Researched financial regulations and trending cloud computing service providers such as Amazon Web Services, Verizon Terremark, IBM, and Rackspace to give consulting advice on disaster recovery and business continuity planning to a bank

Tech. Background

Languages

Proficient: Java, Python

Familiar: C, C++, JavaScript, XML, HTML, CSS

Dabbled: Ruby

Projects

- Developed basic Android applications in Java, using the Eclipse/Android Studio IDE's
- Built a portfolio website in HTML, CSS, and JavaScript, using the jQuery library and the Twitter Bootstrap frontend framework

Related Coursework

University

CS120: Computer Systems I: Machine Organization

CS140: Programming with Objects

CS220: Computer Systems II: Architecture & Programming

CS240: Data Structures & Algorithms

Independent

The University of California at Berkeley (www.edx.org)

CS169.1x: Software as a Service

- Exposed to Agile development and the MVC software architecture pattern
- Learned to develop a web application using Ruby on Rails and deploy it through Heroku