Celia Honigberg — Software Engineer

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Education

Wellesley College — WELLESLEY, MA
BA in Computer Science and Geoscience — *September 2011 – May 2015*
- Databases with Web Interfaces
- Data Structures
- Algorithms
- Intro to Machine Languages
- Computer Vision
- Computer Security
- Theory of Programming Languages
- Automata/Formal Languages

Massachusetts Institute of Technology — CAMBRIDGE, MA
- Web Programming Competition
- Introduction to C and C++

Experience

Fidelity Investments LCC — BOSTON, MA
Associate Data Engineer — *August 2015 – Present*
Working for the database team supporting the Fidelity equity traders. Tasks include PL/SQL development and Big Data processing using python, Spark, and Hive. Participated in the Leap Program for new technology associates and ranked top in class. Classroom topics include PL/SQL, database management, and agile development.

Medical Web Technologies — WILLINGTON, CT
Software Development Intern — *June 2014 – August 2014*
Tasks included .net and asp development, testing of Medical Web Technologies' product (One Medical Passport), handling customer service calls and emails, training of the full-time helpline employees, and assisting in the redesign of the web page.

Wellesley Computer Science Department — WELLESLEY, MA
Tutor — *Feb 2015 – May 2015*
Tutored and graded for CS 240: Introduction to Computer Systems. Assisted in the redevelopment of the course by testing assignments and writing scripts to test student code.

Projects

Data Landscape — RALEIGH, NC
Leap Project — *Fall 2015*
Overhauled and rewrote the database storage infrastructure for Fidelity's Cash and Price Management Services business unit. Remodeled the data model using Power Designer and PL/SQL. Loaded and integrated from existing databases and excel spreadsheets using Informatica.

Quote My Professor — WELLESLEY, MA
Databases /w Web Interfaces Final Project — *Spring 2015*
Built a web interface to fill a database with professors and their most memorable quotes. Languages and tools used: python, cgi, MySql, Bootstrap, HTML and CSS.

Leadership

Wellesley Wushu — WELLESLEY, MA
President — *Aug 2013 – May 2015*
Plan for and lead practices (four per week), coordinate performances (five per semester), choreograph acts for 25-member team, and facilitate weekly executive board meetings. Organized a collegiate joint practice in Spring 2015 that included 5 club teams and 80 people in attendance.

Skills

Programming Languages: Java • JavaScript • Python • OCaml • C • C++ • PHP • HTML • LaTeX

OS/Databases: Linux • Windows • iOS • MongoDB • PL/SQL • MySQL