Thomas Chang Min Jeon

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Education

Columbia University, The Fu Foundation School of Engineering and Applied Science New York, NY
Bachelor of Science in Chemical Engineering; minor in Computer Science *Sept. 2008 – May 2012*
Cumulative GPA: 3.70 (Computer Science GPA 3.96), Dean's List, Cum Laude

Relevant Coursework: Data Structures in Java, Advanced Programming, Discrete Mathematics, Computer Systems, Computer Science Theory, Accounting and Finance, Product and Process Design.

Professional Experience

Novantas New York, NY
Solutions Associate, Ted Gibson & Jeff Nobel *May 2013 – Present*

- Develop backend functionalities for a loan pricing program used by major Banks through SQL and VBA.
- Analyze large sets of raw data to develop analysis features for the pricing program.

DuPont, Electronics and Electronic Materials Parlin, NJ
Manufacturing Technology Engineer, Thomas Ostroski & Diane Brooks *Sept. 2012 – May 2013*

- Led long-term improvement projects that require interfacing with multiple teams, such as managerial, design, reliability, and maintenance, to achieve best-fit results.
- Managed a team of 8 to manufacture Pyralux products with daily meetings, status reports, and maintenance work in a fast-paced environment.

DuPont, DuPont Performance Coatings (DPC) Wilmington, DE
Manufacturing Technology Engineer, Howard Zakheim *Jun. 2011 – Aug. 2011*

- Developed an internal web-based program that streamlined the Information Supply Chain process for the 20 global plant sites using Java, HTML, and javascript.
- Created pages for DuPont's social networking web space, Confluence. Added features such as forums, news streams, and blogs.
- Presented work and results to plant site leaders at Global Manufacturing Technology meetings.

Columbia University, Chemical Engineering Department, McNeill Group New York, NY
Research Assistant, Atmospheric Chemistry, Professor V. Faye McNeill *Jan. 2010 – May 2011*

- Launched own research project: developed research approach and proposed real-life applicability.
- Conducted testing and data analysis on an ab-initio calculation software, Schrödinger Jaguar. Presented progress and observations weekly to Professor McNeill and the research group.

Programming Projects

DOCK

- Designed and developed a document collection website and backend server using Java, Perl, HTML, javascript, and CSS. Its purpose was to serve as a virtual external hard drive and organizational tool for documents.
- Upload documents to organize, search, and share the collection with functions such as: grouping, renaming, deleting, downloading, copying, privacy/permission settings, and document analysis.
- Account functionalities: account creation/deletion, password resets, action tracking with ip addresses, and basic stats population.

Webthumb

- Designed and developed a URL sharing website using C++, Perl, and HTML.
- Users can post URLs with category tags with automatic website snapshot generation.
- Advanced search capabilities, commenting and voting features, and basic stats population (unique visitors, number of uploaded URLs, number of URLs viewed).

Technical Skills & Leadership

- President – Vietnamese Student Association (VSA), Columbia University *Jan. 2009 – May 2012*
- Fashion Show Director – Culture Show, Columbia University *Sept. 2010 – May 2011*
- **Programming Languages:** Fluent in Java, C, C++, HTML, and Perl. Currently learning SQL.
- **Application:** Excel, MS Word, PowerPoint, Polymath, SAP, Aspen, ChemDraw, Schrödinger Jaguar.
- **Languages:** Fluent in Korean and competent in Japanese. Currently learning German.