

Chrissy Jeon

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› Education

New York University

Bachelor of Arts in Computer Science and Philosophy

- Grace Hopper Celebration of Women in Computing Scholarship

September 2016 - May 2021

› Skills

Programming Languages: Java, Python, C#, C/C++, Scala, JavaScript, HTML/CSS, Bash

Technologies & Frameworks: Node.js, Express, SQL, MongoDB, Spark, Hive, Hadoop, Git, Linux

› Work Experience

Bain & Company Inc.

Seoul, South Korea

Technology Research Intern / Java, Hadoop, Linux, Git

June - July 2019

- Improved an internal Search Tool to perform large-scale data analysis on historical client metrics by using Hadoop and Java, resulting in faster data processing and reporting
- Wrote a program that parsed Excel files and converted the data into a standardized format for processing in the Hadoop pipeline
- Increased client market share to 23% by providing insights into user-base expansion opportunities

UBS Hana Asset Management Co. Ltd.

Seoul, South Korea

Financial Analyst Intern - Documentation & Retail Sales Team

November 2017 - January 2018

- Drafted investment letters of intent and information memorandum documents for institutional investors
- Filed REITs, equities, bonds, and investment reports to the Financial Supervisory Service
- Attracted 8% of clients' investments by conducting comparable analyses on different market environments using data provided by the Bloomberg Terminal

Boston Consulting Group (BCG)

Seoul, South Korea

Research Assistant - Mergers & Acquisitions Due Diligence

October 2017

- Conducted research on the automobile-component market in order to accommodate a client's decision to use the M&A process to enter the market
- Transcribed client interviews and visualized large data sets using Excel for client presentations

› Software Projects

Smart Stream: Which Service Should I choose? / Java (MapReduce), Spark, Hive

- Provided insights into user subscriptions on Netflix, Amazon Prime Video and Disney+ movies by analyzing age, genre, and genome tags via MapReduce, Hive, and Spark on NYU's "Peek" High Performance Computing Cluster
- Discovered Netflix and Amazon Prime Videos share similar genre and genome-tags but had different target age groups
- Featured in [Towards Data Sciences](#) on [Medium](#)

How To Make A Day! / Node.js, Express, MongoDB

- Web app that allows users to share their day-out plans with images and descriptions and leave ratings for other users to browse
- Developed using Node.js, Express, and MongoDB alongside with Passport.js for user authentication and the Google Maps API for location handling

Demand Paging Simulator / Java

- Created a multi-process simulator in Java that emulates real-time demand paging within an Operating System
- Designed in consideration to various eviction policies including FIFO, Random, and Least Recently Used

Distance Vector Simulator / Python

- Implemented the distance-vector routing algorithm in a Python-based virtual environment to simulate shortest path routing
- Used Split Horizon with Poison Reverse to handle packet link failures and routing loops

Game of Thrones Visualizer / Java

- Command-line application that visualizes an individual character's battles, hierarchy, house, death rate, and corresponding relationships
- Developed using natively implemented data structures (ArrayList, Priority Queue, LinkedList) and optimized search queries with MergeSort and QuickSort