Chrissy Jeon

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EDUCATION

New York University, College of Arts & Science *May 2021*
Bachelor of Arts in Computer Science & Philosophy

SKILLS

Languages: Java, Python, C#, C/C++, HTML/CSS, JavaScript, Ruby
Technologies: Git, Linux, Node.js, Express, Ruby on Rails, AWS, SQL, MongoDB

WORK EXPERIENCE

Bain & Company Inc. *June-Aug.2019 & Feb.-April 2018*
Technology Analyst Intern & Research Assistant Seoul, S. Korea

- Increased client's market share to 23% by providing insights into future electric vehicle-related opportunities via in-depth market research
- Advised client's decision to enter into a new AI/ML market by analyzing future developments using proxy data on courses of development of AI/ML products
- Participated in pair programming and bug troubleshooting using Java

UBS Hana Asset Management Co. Ltd. *Nov. 2017 - Jan 2018*
Financial Analyst Intern Seoul, S. Korea

- Drafted investment letters of intent and information memorandum documents for institutional investors
- Filed REITs, equities, bonds and investment reports to the Financial Supervisory Service in accordance with DART
- Encouraged about 8% of clients' investments by conducting comparative analyses on different market environments using the Bloomberg data

Boston Consulting Group (BCG) *Oct. 2017*
Research Assistant - Mergers & Acquisitions Due Diligence Seoul, S. Korea

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

PROJECTS

Demand Paging Simulator *May 2020*

- Created a multi-process simulator that emulates demand paging within Operating Systems
- Designed in consideration with FIFO, Random, and Least Recently Used eviction policies

Two-Pass Operating System Linker *Feb. 2020*

- Implemented a 2-pass linker that relocates relative addresses and resolves external ones for OS modules
- Developed to target a word-addressable machine using a memory of 300 words

Distance Vector Routing *Sept. - Oct. 2019*

- Implemented the distance-vector routing algorithm in a Python-based virtual environment to simulate shortest path routing
- Used split horizon with poison reverse technique to handle link failures and the 'count-to-infinity' problem

Game of Thrones Visualizer *Sept. - Dec. 2018*

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