

Do Hyeong (Daniel Kim)

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Education

San Jose State University

Master of Science in Software Engineering

GPA: 3.7/4.0

San Jose, CA

2022

New York University

Bachelor of Arts in Computer Science

New York, NY

2019

Technical Skills

- Proficient in Java, C, HTML, CSS, NodeJS, JavaScript, Express, AJAX, JSON MongoDB, Objective C, Mongoose, design patterns, MSSQL, data structures, algorithm, Spark, Hive
- Knowledgeable in Python, SQL, Assembly, PHP, JQuery, Scala, Hadoop
- Proficient in Windows, macOS, vim, Agile, Scrum, UML, data mining, Linux and GitHub

Work Experience

PayPal (Scala, MySQL, Teradata, Spark, Java, Bash)

San Jose, CA

Big Data Engineer

Jui 2022 - Present

- Troubleshoot live issues for data science solutions by analyzing the source code and collaborate with different partners to solve problems with minimum guidance.
- Design, develop and maintain the data platform and data-driven monitoring tools for data science solutions in Big Data platform
- Look for improvement opportunities with business impact, participate in the documentation and implementation of processes, procedures, and policies for Live monitoring, investigation and data team.
- Monitor Paypal's various data science models and component variables for any shifts and stall or revert them to previous version to prevent any further bleeding of business impact.

PayPal (Scala, MySQL, Hive, Hadoop, Spark, Java)

San Jose, CA

Software Engineer Intern

June 2021 – Jul 2022

- Build a dataset with each PayPal merchant's most popular funding instruments and its corresponding transaction approval rate. Dataset was used in PayPal Smart Wallet project.
- Work in an agile software development cycle environment; attend daily standup meetings and sprint grooming. Create, update and close story on Jira Scrum board to track project delivery and progress.
- Employ Maven and sbt to track or update dependencies and build jar files to be run with bash scripts on PayPal Cloud server.
- Deploy Job, Job plan, and events to schedule application job to run daily automatically on UC4.
- Improve source table and logic for PayPal's Audience insight project. Project provides merchants with insights about web visitors by leveraging PayPal's data.

IpserLab(MySQL, React, HTML, CSS)

Mountain View, CA

Engineering Intern

February 2021 - May 2021

- Collaborated with a team of 7 to design company server API. Presented finished product in a timely manner allowing extra time to assist team on Front End side projects.
- Proposed a new implementation of signup/login page and managed a team of 4 interns to devise it. New design led to a more intuitive and cleaner looking UI.

Academic Projects

Fake Tweet Classifier (Python)

August 2020 - December 2020

- Preprocessed dataset and utilized it to train variety of classification models(multinomial Naïve-Bayes, Random Forest, Decision Tree, SGD, KNN, and CNN) to detect a fake tweet.

Banker's Algorithm(Java)

February 2019 - May 2019

- Wrote a resource allocation algorithm utilizing both an optimistic resource manager and banker's algorithm of Dijkstra.

NYU Semester Preparer (HTML, ExpressJS, MongoDB)

February 2019 - May 2019

- Engineered a website for NYU students to look up required textbooks for classes and organize a list of textbooks to buy.
- Integrated separate login for students and professors; students to keep track of personal textbook list and professors to keep track of classes and textbook requirements.