Do Hyeong (Daniel Kim)

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Education

San Jose State University   San Jose, CA
Master of Science in Software Engineering   Expected 2022

New York University   New York, NY
Bachelor of Arts in Computer Science   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   San Jose, CA
Software Engineer Intern   June 2021 - Present
- 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.
- Compose an extensive report illustrating and validating each process taken along project and revised the PayPal documentation page corresponding to assignment to include logics, explanations, validation, and visual representations (diagrams) to facilitate transition process
- 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 keep 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.
- Share knowledge such as logic update and validation and bugs to team members within GDS.
- 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   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.

JetSweat   New York, NY
Software Engineer Intern   September 2018 - December 2018
- Developed and deployed new design of website;renovated main page, navigation bar, and "how it works" page in partnership with 5 other interns and main designer.
- Designed coding blue print of description page to be leveraged for development of all other studio description pages.

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.

Stabucks App (Java)   February 2020 - May 2020
- Completed an implementation of the Patterns in a text based Starbucks Mobile App Simulator.
- Leveraged design patterns such as State, Composite, Chain of Responsibility, Command, Observer, and State to make module with minimal coupling and code easier to understand and maintain

Banker's Algorithm(Java)   February 2019 - May 2019
- Wrote a resource allocation algorithm, using both an optimistic resource manager and banker's algorithm of Dijkstra