Denny Feng
New York, NY

Email**:** dennyfeng7@gmail.com ▪ GitHub**:** /dennyfeng7 ▪ LinkedIn**:** /dennyfeng7

EDUCATION

Queens College, City University of New York (CUNY)   Queens, NY
Bachelor of Arts, Computer Science | GPA: 3.5/4.00   December 2020

Relevant Coursework:
Data Structures and Algorithms, Object-Oriented Programming in Java, Object-Oriented Programming in C++, Design and Analysis of Algorithms, Machine Learning, Natural Language Processing, Software Engineering

SKILLS

Programming: Java, Python, Javascript, SQL, Go, C++, PHP
Technologies: Node, Angular, AWS, Azure, Kubernetes, Docker, React.js, Spring, RESTful API, HTML, CSS, UX, Git
Spoken Languages: Mandarin, Cantonese

PROJECTS

Denny's Creative Studio (JavaScript ES6+, HTML5, CSS)   December 2020
- Created and deployed personal website using JavaScript/HTML5/CSS for frontend and Linux-based virtual machines, NodeJS for server-side
- Learned and implemented animations, animation delays, keyframes styling via CSS
- Rendered and displayed key web applications and web projects completed

Language Model Trainer (Python)   November 2020
- Trained maximum-likelihood language models (unigram and bigram) and evaluated them on two test corpora to predict probability of next word
- Pre-processed selected data from online news articles of over 2 million words using Python to pad all sentences with start and end symbols, and replacing all words occurring in the training data once with a specific token. Every word in the test data not seen in training were treated as an unknown token
- Tabulated and calculated the log probability and perplexity of sample sentences using the trained language models

Tippit (Android Studio, Java)   September 2020
- Learned and navigated Android Studio for first time to create functional and interactive Android Application allowing users to quickly calculate a tip amount
- Learned and implemented Java toast feature to prevent and reduce user related errors and bugs

Airport Kiosk Scheduler (Java)   June 2020
- Simulated FIFO and uni-programming operating system scheduling algorithms in Java
- Used multithreading to synchronize passenger, kiosk-clerk, flight attendant and clock threads
- Used discrete counters to ensure FIFO resource usage and prevent process starvation

Dynamic Minesweeper w/ mySQL Database (JavaScript ES6+, HTML, CSS)   April 2020
- Implemented a web application that allows users to log-in and play the board game, Minesweeper
- Developed the user interface using HTML, CSS, and JavaScript
- Created and connected database to website using mySQL, Apache and PHP to store user credentials
- Implemented a log-in/out feature where players can log-in and store their game state on .JSON files

EXPERIENCE

CUNY Tech Prep   New York, NY
Fellow, Software Developer   Jun 2020 – Present
- Selected for a technical training program, as one of 140 students out of 400+ applicants
- Learn in-demand technologies like React, Node + Express, Bootstrap and PostgreSQL as well as industry best practices for design, implementation, and deployment such as MVC, Version Control with Git/GitHub, Agile & Scrum with Trello and Slack, Testing using Jest, and CI/CD

J.P. Morgan Chase & Co.   Queens, NY
Lead Associate Operations   June 2014 – July 2018
- Led in supervising team of 20+ tellers/lead tellers and ensured the completion of all transactions in accordance to the policies, which include anti-money laundering and compliance.
- Led in passing annual internal audits, ensuring entire staff follows procedures accurately and in accordance with Federal Deposit Insurance Corporation (FDIC) policies