
SKILLS

- React, Javascript, Typescript, CSS3, HTML5, Python (Pandas, Scikit-Learn, TensorFlow/Keras, XLWings), SQL, C, Java, Go, Google Closure, Google Cloud CP, Git, JIRA, Excel

PROFESSIONAL EXPERIENCE

- Software Engineer, Yext**, New York, NY May 2022 - Jan 2023
- Built and/or maintained websites using React and Closure with a combined view count of over 104,000,000+ page views for over 50+ clients in the financial services and restaurant industries among others
 - Responsible for front-end mobile first web development with a focus on search engine optimization (SEO), page speed, and web accessibility across different devices and browsers
 - Provided guidance to new software engineers on technical concepts, best practices, and development tools
- Data Analyst, LinkIt!**, New York, NY July 2021 - Apr 2022
- Developed Python and SQL scripts to automate Excel models in order to increase production of student analytics reports
 - Cleaned and processed raw test result data files sent by school districts for data warehousing purposes
 - Interviewed potential Data Analysts and Solutions Center team members
- Tutor, AndyPrep**, Seoul, South Korea Aug 2020 - Jan 2021
- Tutored high school students in Computer Science and Physics
 - Communicated with parents regarding progress of their children
- Web Developer Intern, JoiKid Studios**, Remote June 2020 - July 2020
- Transferred Firebase web application (educational computer games) to Ionic framework for simultaneous iOS and Android deployment
- Data Science Intern, DMI Finance Pvt. Ltd.**, New Delhi, India June 2019 - July 2019
- Implemented scoring system using SQL and Python for DMI + Samsung Finance Plus in order to optimize lending policy

EDUCATION

- Princeton University**, Princeton, NJ Sep 2017 - May 2021
- Bachelor of Science in Engineering
 - Major: Operations Research and Financial Engineering (ORFE)
 - GPA: 3.4 | Departmental GPA: 3.6
 - Coursework: Algorithms and Data Structures, Programming Systems, Computer Vision, Analysis of Big Data, Networks, FinTech, eCommerce, Econometrics, Stochastic Portfolio Optimization, Monte Carlo Simulations

PROJECTS

- Recommender System for Playlist Continuation**, ORF 479: Senior Project Jan 2021 - May 2021
- Implemented recommendation algorithms (user-based and item-based collaborative filtering) to generate songs for playlist continuation using Python and Google Cloud CP
 - Datasets consisted of 1 million playlists created by Spotify users and track metadata and descriptive data extracted from Spotify API
- Paymates**, ORF 401: eCommerce May 2021
- Developed mock payment sharing application that was centered around group transactions
 - Built front-end using React (Javascript) and MaterialUI