MAXIMILIAN SPORER

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linkedin github personal site

SKILLS

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

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

Tutor, AndyPrep, Seoul, South Korea — Aug 2020 - Jan 2021

- Tutored high school students in Computer Science and Physics

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 - June 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

eCommerce Willingness-toBuy Predictor, ECO416: FinTech — Sep 2020

- Developed and trained classification algorithms on user online store activity in order to predict consumers' willingness to buy
- Predictor identified users who had not made purchases but had high willingness-to-buy in order to increase user conversion rate