

KYUNG MO (CALVIN) KOO

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EDUCATION

Claremont McKenna College - Claremont, CA

Dec 2022

Bachelor of Arts in Economics and Asian Studies

- Relevant Coursework: Intro to Computer Science, Discrete Math, Statistics, Intro to Data Science, Econometrics
- Honors: Phi Alpha Theta Honors Society

App Academy – New York, New York

Full Stack Software Engineering

May 2022 – Sep 2022

- +1000 hours immersive full stack bootcamp

PROJECTS

TeeTimes – (MongoDB, Express.js, React/Redux, Node.js, JavaScript, SCSS, HTML, AWS)

[Live](#) | [GitHub](#)

A platform where users can find and build local groups to get together for a round of golf

- Developed a lightweight user interface using React and Redux that allows users to create groups and find groups to golf with while also allowing for groups to create/find events
- Created mock-ups and prototypes using Figma of all front-end related React/Redux components and led efforts to convert wireframes into functional React components
- Incorporated a custom search function built using JavaScript that allowed users to lookup other users on the app when creating groups

Kooflix– (Ruby on Rails, React/Redux, AWS, HTML, SCSS, HTML, PostgreSQL, JavaScript)

[Live](#) | [GitHub](#)

A clone of Netflix where users can create profiles and find their favorite movies to watch

- Implemented a custom user authentication process with error handling using BCrypt to protect users' login information and prevent users from accessing protected routes
- Used a custom Redux cycle to connect users with select profiles and used localStorage to bootstrap and preserve profiles upon refresh
- Integrated AWS with ActiveStorage to minimize application space requirements by storing media in the cloud

Velo Launch – (VanillaJS, D3.js, HTML, CSS)

[Live](#) | [GitHub](#)

A data visualization created using the D3 library to help demystify the popular launch angle debate in baseball

- Implemented the D3 library to create an interactive scatterplot using data gathered from MLB Statcast
- Implemented various features within the D3 library (zoom, grouping, tooltips) to add interactivity and allow users to further explore each data point
- Implemented a custom scroll bar using CSS and utilized the Interaction Observer API to improve user experience and navigation

EXPERIENCE

AlphaSights – San Francisco, CA

May 2021 – Aug 2021

Summer Associate

- Supported B2B market research projects for various Private Equity/Venture Capital clients by performing market analysis on various industries resulting in a 55% YOY growth in Q2 of 2021
- Synthesized key market insights and information into deliverables from clients setting a monthly record pace for client deliverables resulting in 152% revenue growth for the firm

JUMP Investors – Los Angeles, CA

May 2020 – Aug 2020

Venture Capital Intern

- Completed due diligence on potential investors and portfolio companies with market caps ranging from \$41M to \$60
- Formulated 6 business development projects to increase revenue, create marketing strategies, and source suppliers resulting in 2 successful partnerships for portfolio companies

SKILLS

Technical: JavaScript, Python, React, Redux, Ruby, Rails, jQuery, PostgreSQL, HTML, CSS, Git, Figma, Node.js