

# Woosik Koong

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## SKILLS

React · Redux · JavaScript (ES6) · TypeScript · GraphQL · Express.js · Python · Django · HTML5 · CSS3 · Jupyter

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## WORK EXPERIENCE

**KruSpace** | [Fullstack Developer](#)

May 2019 - May 2020 | Berkeley, CA

- Implemented a social log-in feature using client-side OAuth sign-in and generated and stored unique JSON Web Token in the database for future authenticated user requests
- Created a custom report system for community contents (posts, comments etc.) using Django model and handled POST form requests using React and Redux
- Introduced client-side unit testing using Jest and React Testing Library

**KreditData** | [Frontend Developer](#)

Dec 2017 - Apr 2018 | Seoul, South Korea

- Migrated legacy frontend jQuery UI into reusable React components and implemented state management system using Redux
- Collaborated with designers to transform mockups into React components and incorporated business logic such as managing shopping carts (add, delete, sort, update) and validating user inputs for feedback or report on the client side, enabling company to quickly scale UI applications

**Chicago Clearing Corporation** | [Project Manager](#)

Jul 2015 - April 2017 | Chicago, IL

- Collaborated with a team of engineers to develop an online system that allowed 85,000 class members to exchange or redeem coupons awarded from *In Re: Korean Air Passenger Class Action Settlement*
  - Generated \$600K profit to the company by identifying demands and making sales call for settlement coupons
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## PROJECT

**Robinhood Capital Gains** | [Link](#) | [Github](#)

Nov 2019

- Created an application to monitor capital gains and losses from stock exchanges and asset allocation by transforming multiple JSON responses into an overarching data using functional JavaScript map, filter, reduce, and sort
  - Accelerated run-time by utilizing ES6 Async/Await and Promise.all() to call three private Robinhood APIs that were sequentially dependent on the previous call
  - Built mobile-responsive tables and charts (D3.js) by integrating CSS Grid Layout, Flexbox, and Media Query
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## EDUCATION

**University of California Berkeley Extension** | Global Discover Program

May 2018 - May 2019 | Berkeley, CA

*Relevant Coursework: Discrete Mathematics, The Structure and Interpretation of Computer Programs, Data Structures, Principles and Techniques of Data Science*

**Carleton College** | B.A. in Economics

Graduated Jun 2015 | Northfield, MN

*Relevant Coursework: Probability, Statistics, Game Theory, Price Theory, Multivariable Calculus, Linear Algebra*

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## PERSONAL

South Korea Military Veteran (2012 ~ 2014) | Native Fluency in Korean and English, Elementary Proficiency in Japanese  
Passionate about sports (Carleton College Varsity Track & Field; Woodside Priory HS Varsity Basketball)