

Stephen J. Choung

SOFTWARE DEVELOPER

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SKILLS: Data Science, Selenium, UiPath, Pandas, Python, Postgres, Node.js, Express, React, Redux, JavaScript, SQL, HTML, CSS3, Flask, Docker, SQL-Alchemy, AWS, Websockets, Heroku, APIs, Microservices

TECHNICAL EXPERIENCE & PROJECTS:

AIRBNB APP (JavaScript, Sequelize, CSS3, React/Redux, Express, AWS, Heroku, Google Map API) [live](#) | [github](#)

An Airbnb clone exploring the interactivity of reserving rentals and managing user's frontend experience

- Leveraged **Keen-Slider** to design carousels, providing a sleek and clean **UI** and exact *AirBnb* functionality.
- Utilized **RESTful API** routes on an **Express** server with **AJAX** calls to present dynamically rendered content.
- Created price-sliders with **Material-UI**, enhancing the filtering functionality to better replicate *AirBnb*.

DISCORD APP (JavaScript, CSS3, React/Redux, Flask/SQL-Alchemy, AWS, Heroku, Websockets) [live](#) | [github](#)

A Discord clone exploring real-time chat through websockets and user relationships

- Designed context menus on the **React** component, allowing users to access multiple actions per click.
- Employed **SocketIO** powered **websockets** on servers and channels components resulting in a live chat feature.
- Incorporated promise chaining with **Flask/SQL-Alchemy/Redux** for friend requests that tracks status and provides pending utility for users without refreshing.

YGO GACHA GAME APP (JavaScript, CSS3, API, React/Redux, Flask/SQL-Alchemy, Heroku, AWS) [live](#) | [github](#)

A toy vending machine style game where customers buy cards to play and play to buy cards

- Used system design concepts of limiting database seeds with an **API** to **save +1T of database memory**.
- Applied drag and drop functionality with plain **Javascript** and **JSX**, enhancing **UI/UX** by creating user interactivity.
- Achieved search/filter with **React / Redux** for easier deck, collection and admin database management.

EDUCATION:

AppAcademy - Full Stack Software Development Feb 2021 - Jul 2021

- **1000+** hour, immersive software development program focused on full stack web development
- Relevant coursework includes: Object Oriented Programming (OOP), Test-Driven Development (TDD), Scalability, Data Structures, Algorithms, Systems Design & Architecture, Agile/SCRUM Methodologies

Six Sigma - Black Belt Certification Nov 2020

- Process Improvement & Quality Methods, Statistics, Lean Concepts, Process & Value Stream Mapping

University of Illinois at Urbana-Champaign - BS Accountancy Sept 2008 - Jul 2012

ADDITIONAL EXPERIENCE:

DATA ANALYST - LG Electronics, Englewood Cliff, NJ Mar 2019 – Jan 2021

- Implemented **RPA** through **selenium** and **UiPath** to **reduce >80 labor hours per month**.
- Produced models in **Jupyter** notebook to manage factories and warehouse yard **KPIs**.
- Managed Pantos and FNS to reduce > **+\$20 million** in cost related to demurrage, chassis and detention.

OWNER / CEO - Paragon Fashion Traders, Fort Lee, NJ Sept 2011 – Nov 2018

- Received "**Top 50 Ebay Seller**" **Award** in Men's Footwear Category for **5** consecutive years.
- Managed **3** employees, finances, and headed sales overseas with Asia to generate > **\$2 million** in sales **within 6 months** while also **reducing** deadstock by **90%**.
- Developed **in-depth, backend knowledge** of companies' web, databases, and styling demands through strategic relationships with national brands, such as: *Nike, Adidas, New Balance, Puma, Reebok*, and more.

DATA ANALYST - Amazon Quidsi, Jersey City, NJ Sept 2009 – Jul 2010

- Wrote custom formulas in **Excel** to match old SKUs when switching vendors, saving time by finding comparable items to list on the website.
- Managed > **10 website error tickets, daily**, and performed price analysis to remain competitive in the market.

ACHIEVEMENTS, INTERESTS AND ACHIEVEMENTS:

- **Achievements** - US Open 2020 Go & Canada Open 2020 Go- 1K Champion
- **Interests** - Baduk/Go/Weiqi, Running & Swimming