Samuel Ho

Los Angeles, CA | [samuelho343@gmail.com](mailto:samuelho343@gmail.com) | 626-283-7110

LinkedIn: <https://linkedin.com/in/samuelho7/> | Portfolio: <https://samuelho.space>

## SKILLS

### Language: Typescript, JavaScript, Python

### Databases: MySQL, PostgreSQL, SQLite, Redis, Mongodb, Firebase

### Tools/Frameworks: React, NextJs, Flask, FastAPI, Node.js, Git, AWS Microservices (EC2, S3, Lambda), D3, VBA, Excel

## PROJECTS

### Audiospace | Full Stack Engineer

* An audio plugin and sample pack marketplace utilizing Typescript, NextJs, MySQL, Stripe, and AWS S3 & SDK.
* Restful API, Custom headless CMS implementation, rich text editor with MDX, and integrated email pipeline leveraging Sendgrid.

### Swapesy | Full Stack Engineer

* Lead an agile team of engineers in the successful development and launch of a full-stack trading card ecommerce app utilizing React Native and Firebase, with tests using Jest and version control with Git.
* Developed a mobile app marketplace catering to trading card enthusiasts, featuring seamless buying, trading, offer-making functionalities, and social features like private messaging.

### DiscordSMS | Back End Engineer

* Developed a SMS marketing discord bot using Typescript, Node, PostgreSQL, KnexJs, Twilio, DiscordJs to manage event lists for live events.

### US Data App | Full Stack Engineer

* Engineered a RESTful API and executed ETL pipelines for the integration of US Census & FRED Economic datasets into a comprehensive data visualization web application, leveraging Typescript & NextJs.
* Applied nivo built on D3 for the construction of interactive data visualizations that offered comparative analysis of key

## EXPERIENCE

### Analyst | COACH New York

April 2021 – June 2022 | New York, NY

* Managed the P&Ls for multiple business units, including Bags, Ready to Wear, Footwear, Photo Studio, and Merchandise, under Coach Design & Global Marketing. Collaborated with the design teams to develop and implement cost-saving initiatives.
* Present cost flows to track cost initiatives and report supply chain/financial headwinds and cross department breakdown of P&L per category to track gross margin across multiple business units.
* Utilized command line interfaces to manipulate CSV databases for ad hoc analysis and reporting.

### Corporate Banking Analyst | PNC Bank

March 2020 – April 2021 | Philadelphia, PA

* Completed the PNC Formal Credit Training program, encompassing corporate lending, financial modeling, valuation, and sales & product training.
* Leveraged analytical skills to conduct rigorous due diligence on potential secured credit commitments and managed company risk profiles.
* Utilized and interpreted historical performance trends, cash flow strength, collateral coverage, and private equity sponsor involvement, to calculate key profitability and leverage indicators such as free cash flow, unfunded Capex, and estimated fixed charge coverage ratio.

### Financial Analyst | Autism Learning Partners

March 2019 – March 2020 | Pasadena, CA

* Assisted senior corporate finance analysts in preparing internal monthly operational reports for use by company executive and private equity sponsor group. Reporting breaks down and summarizes key performance indicators and company financials by region for comparison between actual vs. budgeted figures.
* Created databases and VBA macros to provide data manipulation scripts for analysis and effectively decreased turnaround time for reporting/analysis by 2 days.

## EDUCATION

### Software Engineering Bootcamp | Hack Reactor | 2023

### **B.A. in Economics | UC Santa Barbara** | Santa Barbara, CA | 2016 – 2018

## HOBBIES Music production, Animation, Hiking