

Stephen Li

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EDUCATION

UNIVERSITY OF PENNSYLVANIA

BACHELORS IN ECONOMICS AND
COMPUTER SCIENCE (DOUBLE
MAJOR)

August 2016 - May 2020

Cumulative GPA: 3.32 / 4.0

LINKS

LinkedIn: [StephenLi](#)

Github: [StephenLi7](#)

Podcast: [Takeout Podcast](#)

COURSEWORK

- Software Design
- Data Structures and Algorithms
- Databases and Information Systems
- Intro to Computer Systems
- Micro and Macroeconomics
- Business Statistics

SKILLS

TECHNICAL

Significant Experience:

Java • Python • SQL • Javascript

Some experience:

Node • MongoDB • Tableau

Other:

Agile • Git • UI/UX Design

SOFT

Public Speaking • Project Management

PROJECTS

Takeout Podcast:

A podcast I started on topics related to Asian Americans

BookSmart:

A web application for librarians and avid readers that suggests books and organizes library inventory. Node, React, Oracle DBMS, SQL

Entree Entry:

An Android app that tracks food intake and calculates a health score for users. Java, Node, EJS, Mongo

WORK EXPERIENCE

CAPITAL ONE

BUSINESS ANALYST, DATA SCIENCE (DS+)

August 2020 - Present | San Francisco, CA

- Developed a Python tool that automates the process of developing turn down reasons for customers who do not qualify based on a new data source our risk model will use. The tool replaces the current manual mapping process.
- Developed a Python package/tool for analysts to use when analyzing new data sources. Finds coverage, variable importance, key performance metric calculations, and data visualization. It found variables that reduce risk by 4% and increase ROA by 8% for certain customers in our risk models.
- I manage internal products and am a part of leadership in data science.

PRODUCT MANAGEMENT AND ANALYTICS INTERN, PARIBUS

May 2019 - August 2019 | New York City, NY

- Used SQL and Python to query and analyze data to identify the cause of low user engagement. Found that users were not being onboarded correctly.
- Redesigned the entire new user onboarding experience to improve user understanding of the product: increased and revamped content leading to a 40% improvement in user engagement and 33% better user understanding.
- Worked with engineers and design to develop and iterate on onboarding versions and develop an A/B testing framework.

SHENZHEN STOCK EXCHANGE

FIXED INCOME ASSET SECURITIES ANALYST

May 2018 - August 2018 | Shenzhen, China

- Conducted analysis of various fixed income securities to compare those in China with similar ones in the US to highlight areas of growth and development Chinese institutions need.

WHARTON SOCIAL IMPACT INITIATIVE

URBAN ANALYTICS RESEARCH ANALYST

October 2017 - January 2018 | Philadelphia, PA

Worked with my business statistics professor Shane Jensen to study urban safety. Visualized block party data and ran statistical tests to determine the influence of these block parties on a neighborhood's safety.

LEADERSHIP EXPERIENCE

DESIGN FOR SOCIAL IMPACT

CO-FOUNDER

December 2017 - December 2019

Started a club on campus focused on utilizing design-thinking and engineering for social entrepreneurship. Developed various solutions and presented them to campus organizations.

PENN FOR YOUTH DEBATE

TECHNOLOGY DIRECTOR

August 2017 - May 2019

Revamped the club's website and managed all of the tech behind tournaments we hosted from registration to payments to results.