

ERIC SONG

eric.song@nyu.edu | New York | (732) 925-3992

EDUCATION

New York University

B.A. in Computer Science (College of Arts & Sciences); B.S. in Business (Leonard N. Stern School of Business)

New York, NY

Expected May 2023

- **GPA:** 3.89/4.00 | **SAT:** 1560/1600 | **SAT II:** 800/800 (Mathematics Level 2)
- **Awards and Achievements:** Deloitte Undergrad Case Competition (2nd Place); FTI NYU Case Competition (3rd Place)
- **Coursework:** Linear Algebra, Discrete Math, Data Structures, Computer Programming, Regression/Forecasting Models

PROFESSIONAL EXPERIENCE

Fashom

Miami, FL

QA Intern

May 2020-Aug 2020

- Revived an initiative to develop inventory tracking software which **reduced operations inefficiencies by 13%**
- Created a software requirement document that communicated operations needs to the developer. Compiled comprehensive documentation which included an implementation plan, software details and a debugging guide
- Developed test cases for mobile and web platforms that identified **113 bugs** over the lifetime of the internship. Utilized SQL queries and backend records to track the source of those bugs, and reported them on Jira
- Built a Shopify invoice template using HTML/CSS. It is currently being used in an A/B test for increasing purchase rates

PROJECTS



NFL Rushing Yards ML Model

Aug 2020 – Present

- Developed a random forest model to predict the cumulative probability of an NFL rusher gaining a specific number of yards. Achieved a continuous ranked probability score of 0.0132 (0.0021 off from the top leaderboard score)
- Performed data modeling, processing and feature engineering. Deployed as REST API in a Docker container over AWS

Group Workout Web Application

Aug 2020 – Sep 2020

- Created a video call web application for scheduling and facilitating virtual workouts among friends.
- Utilized Twilio programmable video API, Flask back-end, HTML/CSS/JavaScript front-end and SQLite3 database

Real-time iOS Chat Application

Aug 2018 – Sep 2019

- Developed a group chat app to connect users during live television events. The project implemented a Firebase backend and followed the MVC protocol. Utilized programmatic UI through Swift. XCode
- Launched a zero-cost marketing approach which included Figma-designed content and an app showcase website
- Achieved 20 regular users and 5 active chats within 7 days; Instagram page achieved 1000 followers within 2 days

LEADERSHIP AND EXTRACURRICULAR ACTIVITIES

Strategic Venture Society

New York, NY

Venture Team Mentee

Feb 2020 – May 2020

- Compiled industry reports and technology posts; completed assignments in finance, venture capital, and data analysis
- Presented a growth-stage startup pitch deck; Included valuation projections, sensitivity analyses, and an investment thesis

Data Fellowship

Nov 2019 – Dec 2019

- Analyzed a dataset of 6.5 million points from NYC Open Data; delivered a presentation on crime around NYU to peers
- Constructed visualizations in Jupyter Notebook/Python which included SHAP plots, time series charts and scatter plots

Blood: Water / Claire's Place Foundation

Princeton, NJ

Club Leader

Sep 2015 – Jun 2019

- Led ~15 members in fundraising \$2000 for Blood: Water and Claire's Place Foundation; organized weekly meetings
- Managed monthly bake sales; designed and marketed t-shirts for annual club t-shirt sales profiting ~\$200 each
- Partnered with store owners/town councils to raise ~\$800 through fundraising events; engaged with 1000+ people

SKILLS AND INTERESTS

Skills: Python, Swift, Java, JavaScript, HTML, CSS, Flask, Xcode, Jupyter Notebook, sci-kit learn, Jira, APIs, Microsoft Office

Interests: Venture Capital, Videogame development (Unity), Boxing, Wrestling, Card tricks, Fantasy and Sci-Fi books, *Harry Potter*