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## SKILLS

### Front End

TypeScript

JavaScript

HTML

CSS

JSX

### Back End

C#

Python

MySQL

Sqlite

SQL

Java

### Frameworks

Angular

React Native

ASP.NET

React

Node.js

Expo

Entity Framework

### Other

Git

Agile/Scrum

Visual Studio

VS Code

IIS Server

AWS EC2

AWS Cloudfront

AWS Route 53

AWS RDS

## EDUCATION

**The Wharton School, University of Pennsylvania**

May 2023

3.47 GPA, Candidate for a Bachelor of Science in Economics, intended joint concentration in Statistics and Operations, Info. Decisions and minor in Computer Science.

## PROJECTS

### Quantitative Trading Strategy

- Developed a trading algorithm in python on Quantopian that had returns of 3065.54% from 2004 to 2019
- Deployed a live version of the algorithm to Heroku, where I am currently forward testing it

## EXPERIENCE

### MemeClub, Inc.

September 2019-Present

CEO, Founder

- Created a new social media, a dedicated meme sharing platform
- Used a stack of MySQL, ASP.NET, Angular, and used React Native with Expo for the mobile application
- The website is live at <https://memeclub.co/> and the mobile app is in the beta testing phase. It's available at this link: <https://testflight.apple.com/join/yehUOgKr>

### Genuine Grading, LLC.

May 2020-Present

CTO, Co-Founder

- Created a proprietary AI algorithm to grade the physical condition of sports cards using Python, Keras, and Tensorflow
- Created a dataset with ~1,000 sports cards
- Used two convolutional neural networks in parallel to create a model with ~43,000,000 parameters that outputs the subgrades (range 1-10) to five different classes: Corners, Surface, Edges, Centering, and Autograph

### ClassLink, Inc. Clifton, NJ

May-August 2019

Software Engineer

- Programmed in C#, TypeScript, HTML, and CSS, worked with Git
- Worked on the OneSync product, which automatically imports a school's student information system (SIS) and human resources user lists into Microsoft Active Directory, Google Directory, and Office365
- Created a new type of source for imports, Google Sheets, using the Google Sheets API