



Max Knopping

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EDUCATION

University of Pennsylvania, The Wharton School – Philadelphia, PA

May 2023

Bachelor of Science in Economics • Concentration: Finance • Minor: Computer Science

• Cumulative GPA: 3.47/4.00

TECHNICAL SKILLS

Front End: TypeScript, JavaScript, CSS, HTML, JSX, SwiftUI

Back End: C#, Python, MySQL, SQLite, SQL, Java

Frameworks: Angular, React Native, ASP.NET, React.js, Node.js, Expo, Entity Framework, Flask, Express.js

Other: Git, Agile, Scrum, IIS Server, AWS EC2, AWS Cloudfront, AWS Route 53, AWS RDS

RELEVANT COURSEWORK

Computer Science: Programming Languages and Techniques, AP Computer Science

Business: Finance, Accounting, Marketing, Statistics, Management

EXPERIENCE

Quaker Finance Group | Investment Analyst | Quant Group

October 2020-Present

- Designed and deployed trading algorithms in Python and C#
- Analyzed equities and securities using fundamental and technical analysis

MemeClub, Inc. | CEO, Founder

September 2019-Present

- Created a new social media, a dedicated meme sharing platform
- Programmed with MySQL, ASP.NET, Angular, and React Native with Expo for the mobile application
- Website: memecub.co/; Mobile app: [App Store](#)

Genuine Grading, LLC. | CTO, Co-Founder

May 2020-Present

- Created a proprietary AI algorithm to grade the physical condition of sports cards using Python
- Created a dataset with ~1,000 sports cards
- Used two convolutional neural networks in parallel to create a model with ~43,000,000 parameters

ClassLink, Inc. | Software Engineering Intern | Clifton, NJ

May-August 2019

- Integrated [OneSync](#), a user-account provisioning tool for schools, with the Google Sheets API
- Automated test cases, wrote SQL Scripts, fixed bugs, implemented new features
- Programmed in C#, TypeScript, HTML, CSS, and worked with Git

PROJECTS

Quantitative Trading Strategy | Python

- Developed a trading algorithm in python that had returns of 3065.54% from 2004 to 2019

Portfolio Website | www.maxknopping.com

- Created a portfolio website using React.js and Express.js
- Integrated a machine learning model for a live demo of a project