

Cody J. Lin

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EDUCATION

Yale University

New Haven, CT

Double Major: Bachelor of Science in Computer Science and Bachelor of Arts in Economics, GPA: 3.88/4.00 Expected May 2021

Relevant Coursework: Artificial Intelligence, Algorithms, Systems Programming, Data Science, Intelligent Robotics, Linear Algebra

Scholarships and Awards: ITA D1 Scholar-Athlete (2018, 2019, 2020), National Merit Scholarship Winner (Feb 2017), National AP Scholar, Westlake HS Varsity Scholar-Athlete Award (2014, 2015, 2016, 2017), Westlake HS Scholar-Athlete of the Year (2017)

EXPERIENCE

IBM

Research Triangle, NC

Data Science Intern

May 2020 - Expected Aug. 2020

- Working with the Toolbox@IBM team in the CIO (Chief Information Office) division
- Analyzing IBM's internal tools and procurement practices and finding new ways to optimize them

Motif Investing, Inc.

San Mateo, CA

Software Engineering Intern

May 2019 - Aug. 2019

- Automated a stock portfolio construction process to decrease rebalancing time and increase data processing accuracy
- Conducted data ingestion and analysis using natural language processing to improve performance of proprietary financial products
- Processed and visualized millions of records using Apache Spark to identify and present trends to research and product teams

SimplePitch Ventures

Newport Beach, CA

Research Intern

May 2018 - Aug. 2018

- Analyzed market data, consumer behavior, and startup pitches for an angel group focused on investing in consumer goods
- Conveyed findings in health, food, and retail industries to key angel investors to inform their investing strategies
- Helped increase profits of one of the angel group's investments by 40+% over the course of the summer

Sue Burke MS Youth Foundation

Thousand Oaks, CA

Volunteer, Project Manager

Jan. 2012 - Aug. 2017

- Raised \$1500+ teaching tennis to local youth and fundraising (gained 5 sponsors) while spreading awareness for Multiple Sclerosis
- Increased number of tennis instructors by 4x and streamlined our outreach efforts to further the expansion of the tennis program

LEADERSHIP & PROFESSIONAL DEVELOPMENT

Generation Do It

New Haven, CT

Head of Engineering

April 2020 - Present

- Leading a nonprofit project connecting college students with opportunities to help and grow at nonprofits and start-ups
- Driving the technical development of the website and matching platform

Yale Computer Society (YCS)

New Haven, CT

Team Lead (Development Team)

Sept. 2018 - Present

- Promoting technology and entrepreneurship at Yale by planning tech talk events, career workshops, hacknights, and more
- Managing the development of CourseTable, the most widely used tool to help students choose classes at Yale

Yale Men's Tennis Team (YMT) and United States Tennis Association (USTA)

New Haven, CT

Div. I Captain, Team Rep. on Yale Student-Athlete Advisory Committee and Bulldog Sustainability

Jan. 2011 - Present

- Devoting approximately 25 hours per week, in addition to team match competition each weekend
- Representing YMT at weekly committee meetings to build a more cohesive and eco-friendly student-athlete community
- Received the George A. Phelps Memorial Award (2020) for showing the greatest improvement during the year

SKILLS & INTERESTS

Languages: Python (keras, scikit-learn, pyspark, pytorch, numpy, pandas, asyncio), C, Javascript, HTML, CSS, Scala, Java, R, SQL

Technologies: React, Next.js, AWS (S3, DynamoDB, ECS), Git, Linux, Docker, Spark, Spark NLP, Elasticsearch

Interests: traveling, hiking, cooking, design/drawing, photography, video editing