Jason R. Feibelman
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EDUCATION

Cornell Tech University, New York, NY   Expected May 2024
M.Eng. in Computer Science
- Exploring coursework in Artificial Intelligence, Human Computer Interaction, and Engineering Startups

Washington University in St. Louis, McKelvey School of Engineering, St. Louis, MO   May 2021
B.S. in Computer Science, Financial Engineering Second Major
- Dean's List – 3.90/4.00 Engineering GPA, 3.75/4.00 Cumulative GPA
- Teacher's Assistant – Computer Science (Rapid Prototype Development)

Scarsdale High School, Scarsdale, NY   June 2017
- Honors & Activities: Signifer Honor Society, Teacher's Assistant – A.P. Computer Science, Varsity Cross Country Captain, 1st Place Westlake Science Fair Competition – Medicine & Health, Model UN Delegate

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WORK EXPERIENCE

J.P. Morgan, Jersey City, NJ   June 2021 – June 2023
Software Engineer, Global Algorithmic Rates eTrading Group
- Created infrastructure to provide external clients with enhanced liquidity by leveraging system built for internal traders, resulting in increased order flow and profitability
- Developed market making algorithms for pricing credit ETF securities
- Enhanced flexibility and robustness of order execution algorithms for trading spread securities to provide market making desks with greater control and profitability
- Improved upon previously created stress test framework by adding additional layer of automation and leveraged it to create internal development tool to streamline testing of code changes
- Managed modernization and deployment of application used by many trading systems to algorithmically retrieve and persist specific parameter values intraday
- Enhanced robustness of application used for monitoring risk of market making and hedging algorithms by improving quality of market data checks
- Assisted in upgrading CI/CD pipeline and reduced build time using Kubernetes and Jenkins

J.P. Morgan, Jersey City, NJ   Summer 2019
Software Engineering Consultant (Pride One), Global Algorithmic Rates eTrading Group
- Contributed to development of C++ eTrading platform, used by trading desks to make markets and by traders and clients to execute orders for interest rates securities
- Developed Python automated stress testing framework, containing over 5,000 lines of code, that subjects eTrading platform to simulations of high order volume. Reduced time to run stress tests from one month to two days

J.P. Morgan, Brooklyn, NY   Summer 2018
Software Engineering Consultant (Pride One), Global Macro Foreign Exchange eTrading Group
- Created foundation of cloud applications for the Global Foreign Exchange eTrading business to begin transitioning processes to the cloud using AWS, Core Java, and Golang

Willow Ridge Country Club, Harrison, NY   Summer 2017
Caddy

Stoxx, New York, NY   Summer 2016
Intern
- Developed Python program to automate updating of stock market index data disseminated to clients globally

Albert Einstein College of Medicine, Bronx, NY   2015 – 2016
Intern
- Led research study on promising drug's ability to preserve brain neurons' structure in Niemann-Pick Disease

TECHNICAL SKILLS

- Python, C/C++, Java, Golang, Swift, MATLAB
- Networking, Linux / Unix Environments, Distributed Systems, Cloud Native Technology, Quantitative Finance, Embedded Computing Systems, Artificial Intelligence, Machine Learning, Blockchain, iOS Mobile Application Development, Database Management
- AWS, Docker, PyTorch, Kubernetes, Jenkins

LEADERSHIP & DEVELOPMENT

MongoDB Hackathon, *Participant*   Fall 2023
- Developed application leveraging GPT-4 that parses missed Slack messages to provide user with summaries and actionable items

Engineering Test Kitchen, *CTO*   2019 – 2021
- Negotiated with corporate executives who hired us to outsource development of technology solutions
- Assembled and managed teams of programmers through agile development cycles

Washington University Entrepreneur Society, *Co-founder and CTO*   2018 – 2021
- Led technology operations and advised students on business ventures

The Takeoff, *Co-founder and CTO*   2019 - 2020
- Conceptualized idea, drafted business plan and financial statements, and created foundation for platform that connects young innovators through online community of podcasts and media

Books and Basketball, *Executive Board*   2017 - 2020
- Designed curriculum used to tutor impoverished inner-city elementary school students in St. Louis, MO

United Service Organization, *Vice President*   2014 - 2017
- Raised money to support war veterans suffering from PTSD and to reconnect soldiers with families

Harvard Summer Business Academy   Summer 2016
- Studied Entrepreneurship and Business Leadership at Harvard University in Cambridge, MA
- Designed business plan for technology product and created an innovative business pitch for potential investors