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NOAH ZAMZOW-SCHMIDT

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EDUCATION

Massachusetts Institute of Technology Cambridge, MA

Candidate for B.S. in Computer Science and Engineering *Feb 2021*

Major GPA: 4.78/5.0

Relevant Coursework – Artificial Intelligence, Advanced Algorithms, Elements of Software Construction, Computer Systems Engineering, Probabilistic Systems Analysis, Intro to Data Structures, Computation Structures, Calculus–Functions of Several Variables, Linear Algebra, Differential Equations, Real Analysis, Complex Analysis, Modern Algebra, Principles of Microeconomics, Principles of Macroeconomics

EXPERIENCE

Amazon Remote

Software Development Engineer Intern *June 2020 – September 2020*

- Worked on the Alexa Excellence team developing tools to increase API developer productivity
- Implemented a customer focused and interactive front end design using Vue.js
- Created many new tables using DynamoDB and integrated them to achieve end-to-end development

MIT CSAIL Cambridge, MA

Undergraduate Research Opportunities Program *February 2020 – June 2020*

- Implemented and tested Spider, a new routing mechanism for payment channel networks to scale blockchain
- Integrated Spider into the Lightning Network to allow more blockchain transactions to complete by utilizing splitting of transactions and routing through multiple users

WorldQuant Cambridge, MA

Quantitative Research Intern *June 2019 – August 2019*

- Designed operations to improve the performance of predictive trading algorithms
- Co-wrote a paper on environmental, social and governance investing

ABODO Madison, WI

Software Engineer Intern *May 2018 – April 2019*

- Created a machine learning model in TensorFlow to predict the rent of apartments
- Served this model in an elastic container and developed methods to send it requests
- Used intent parsing to detect spam emails
- Automated contact lists by storing them in Redshift and displaying them in Domo

LEADERSHIP

MIT Cambridge, MA

Lab Assistant for Fundamentals of Programming *Feb 2020-Present*

- Helped students in the course learn strong programming techniques in a one-on-one setting
- Taught students effective debugging and testing strategies to improve their programming practices

SKILLS

Languages, Frameworks, and Platforms

- Python, Java, TensorFlow, JavaScript, C++, Ruby on Rails, C, SQL, HTML