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EMPLOYMENT

Associate Software Engineer	Moody's Analytics-New York	August 2020-Present
<ul style="list-style-type: none">• Wrote most of the new Client-side Credit Opinion and Research View platform single-page application.• Made significant contributions to the Research View backend api.• Fixed over 80 bugs on new Research View platform, refactored or removed code smells along the way.• Oversaw testing best practices in a team of 8 Software Engineers.• Provided accurate, constructive feedback on code reviews for more than 100 pull requests.• Oversaw and mentored summer 2021 Software Intern.• Responsible for overseeing testing best practices in a team of 8 Software Engineers.• Organized and taught a Redux crash course for new hires.• Organized and Coordinated git best practices and text editor tools and tricks crash courses for new college grad hires.• Wrote the entire teams new hire onboarding documentation.		
Quantitative Research Intern	Moody's Analytics-New York	June 2019 – August 2019
<ul style="list-style-type: none">• Received a return offer for a full-time Software engineer position• Developed an in-house optical character recognition software to scan financial and extract pertinent information.• Developed an attention-based NLP model to analyze credit risk based on SEC filings of companies.• Developed a python-based scraping tool to download SEC filings		

EDUCATION

College Park, MD	University of Maryland, College Park	July 2016 – May 2020
B.S, Computer Science		
<ul style="list-style-type: none">• Coursework: Operating Systems; Databases; Algorithms; Programming Languages; Comp. Architecture; Linear Algebra; Probability Theory; Neural Networks; Computer Vision; Number Theory; Accounting 1		

TECHNICAL EXPERIENCE

Projects

- **Online Store** (2021). Fully functional shopping store, using AWS lambdas, React, Redux and DynamoDB.
- **Chat App** (2021): Designed a full stack chat app (similar to slack) using Node.js, React, Redux, MongoDB AND TypeScript.
- **Luggage Delivery** (2020): Fully functional luggage delivery application to minimize customer wait times and increase efficiency, used greedy algorithms and implemented the project using Java (Spring Boot) and React.
- **Operating System** (2018). UNIX-style OS with scheduler, file system, text editor, and calculator. C

Languages and Technologies

- JavaScript, ES6, React, Redux, Node.js, Python, Java, C#, Spring Boot
- Git, AWS Lambdas, DynamoDB, MongoDB, Serverless Architecture, TensorFlow

ADDITIONAL EXPERIENCE AND HOBBIES

- Judo Black Belt & Active Brazilian Jiu Jitsu Competitor
- Underserved Communities STEM mentor