

ARMAN KHONDKER

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Education

University of Texas at Austin

Aug 2016 - May 2020

Bachelor of Science in Electrical and Computer Engineering

GPA: 3.78

- **Courses:** OOP in C++, Algorithms, Operating Systems, Data Structures, Concurrent and Distributed Systems

Skills

Languages: Java, Go, Python, C/C++, JavaScript, TypeScript, HTML/CSS

Technologies: AWS, Spring, React.js, MySQL, PostgreSQL, Bash, Git, CI/CD, Docker

Work Experience

Capital One

Chicago, IL

Software Engineer - Card Acquisitions & Fulfillment Team

Aug 2021 - Present

- **Implemented three microservices bridging customer APIs on AWS Lambda** and deployed to production
- Lead team rearchitecture initiative in AWS for infrastructure with high-availability and fault-tolerance
- **Built critical CI/CD pipelines for rearchitecture** using Lambda, Step Functions, Elasticache, and Aurora
- Leveraged knowledge in: *Java, Golang, AWS, Spring, Kafka, Lambda, AuroraDB, Jenkins, and Docker*

Capital One

Dallas, TX

Software Engineer - Platform of the Future Ledger Team

Aug 2020 - July 2021

- Built and deployed multiple stream and batch microservices communicating via RESTful APIs with Java
- **Decreased 90% of payment mismatches on customer accounts** by contributing to RESTful payments API
- **Saved 15 dev-hours per week** by implemented alerting, logging, and monitoring for all team components
- Leveraged knowledge in: *Java, AWS, Spring, Maven, Kafka, DynamoDB, Jenkins, and Docker*

PROS

Houston, TX

Software Engineering Intern - Group Sales Optimization Team

Jun 2019 - Aug 2019

- Built an Exchange Rate API that increased data precision of exchange rates by five decimal places
- Resulted in **reduced customer pricing inaccuracies by 85%** and **saved 40 dev-hours per month**
- Leveraged knowledge in: *Java, Spring, Groovy, MySQL, REST, Docker, and Agile*

PROS

Houston, TX

Software Engineering Intern - Scientific Analytics Team

Jun 2018 - Aug 2018

- **Implemented business-critical Filter Bar component** into UI library **used by PROS homepage**
- Won 1st Place at PROS Hackathon by building a B2B pricing estimator and YouTube sentiment analyzer
- Leveraged knowledge in: *JavaScript, Python, React.js, Redux, Node.js, and Agile*

Personal Projects

Matching Algorithm

Built a matching algorithm platform and NLP resume analyzer for UT students/alumni

YouTube Predictor

Built a pricing estimator and YouTube analyzer, **won 1st Place at PROS Hackathon**

Betting Visualizer

Built a web app to view popular NBA/NFL/MLB betting lines, trends, and prediction

Soccer Analyzer

Built an FPL team analyzer for /r/FantasyPL managers to optimize team selections