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
Software Engineer – Card Acquisitions & Fulfillment Team
Chicago, IL
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
Software Engineer – Platform of the Future Ledger Team
Dallas, TX
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
Software Engineering Intern – Group Sales Optimization Team
Houston, TX
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
Software Engineering Intern – Scientific Analytics Team
Houston, TX
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