

# 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: 3.52

- **Courses:** OOP in C++, Compilers, Algorithms, Operating Systems, Software Lab, Data Structures

## Skills

Languages: Java, Python, C/C++, JavaScript, TypeScript, HTML/CSS, Go  
Technologies: Spring, AWS, React.js, MySQL, PostgreSQL, Bash, Git, Docker

## Work Experience

### Capital One

Dallas, TX

Software Engineer - Platform of the Future Team

Aug 2020 - Present

- Built and deployed multiple stream and batch applications communicating via RESTful APIs with Java
- **Decreased 95% of payment mismatches on customer accounts** by restructuring payments API
- Delivered CICD pipelines for team APIs that enable automated deployment and advanced testing metrics
- **Saved 15 dev-hours per week** by implemented alerting, logging, and monitoring for all team components
- Achieved 100% code coverage by writing extensive unit, functional, and performance tests for all code
- Leveraged knowledge in: *Java, Spring, AWS, Maven, DynamoDB, Jenkins, Docker, and Agile*

### 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**
- Improved testing performance by 10x by implementing an automated transfer record generator in Java
- 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**
- Improved data visualization tools by 20% by implementing JavaScript Heat Map pricing visualizers
- Won 1<sup>st</sup> 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*

## Projects

Matching Platform	Built a matching algorithm platform and NLP resume analyzer for UT students
YouTube Predictor	Built a pricing estimator and YouTube analyzer, <b>won 1<sup>st</sup> Place at PROS Hackathon</b>
Betting Visualizer	Built an app to view popular NBA/NFL/MLB betting lines, trends, and predictions
Soccer Analyzer	Built a FPL team analyzer for /r/FantasyPL managers to optimize team selections