

# Arman Khondker

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## EDUCATION

### GEORGIA INSTITUTE OF TECHNOLOGY

MS IN COMPUTER SCIENCE  
 May 2022 | Online

### UNIVERSITY OF TEXAS AT AUSTIN

BS IN ELECTRICAL AND COMPUTER ENGINEERING  
 May 2020 | Austin, TX  
 GPA: X.XX/4.0

## SKILLS

### PROGRAMMING

Proficient With:

Python • Java • JavaScript  
 React/Redux • Spring • Node.js  
 C/C++ • HTML • CSS • SQL • Flask  
 Selenium • REST services • HTTP  
 Agile • AWS Lambda • S3 • Git • Linux

Familiar with:

Machine Learning • Kubernetes  
 Docker • TypeScript • Go • iOS

## COURSEWORK

### GRADUATE

Software Security and Privacy  
 Software Testing

### UNDERGRADUATE

Data Structures  
 Algorithms  
 Software Lab  
 Discrete Math  
 Probability and Statistics  
 Python Programming  
 Operating Systems  
 Software Design  
 Software Architectures

## LINKS

Github:// [armankhondker](#)  
 LinkedIn:// [armankhondker](#)  
 Website:// [armankhondker](#)

## WORK EXPERIENCE

### PROS INC. | SOFTWARE ENGINEERING INTERN

June 2019 - August 2019 | Houston, TX

- Implemented and integrated an internal exchange rate web service API with the group sales optimization app which increased data precision of GSO exchange rates by five decimal places and reduced customer pricing inaccuracies.
- Improved Rental app testing performance by 12% by implementing an automated transfer record generator in Java.
- Replaced 90% of legacy code in application build process by integrating GSO with modern open-source Docker Plugins.
- Leveraged knowledge in Java, Spring, Gradle, Groovy, Databases, SQL, HTTP, REST, Docker, and Agile.

### PROS INC. | SOFTWARE ENGINEERING INTERN

June 2018 - August 2018 | Houston, TX

- Implemented Filter Bar UI component into PROS internal UI library by utilizing React, JavaScript, HTML/CSS.
- Improved Scientific Analytics data visualization tools by 15% by integrating JavaScript Heat Maps and achieved 100% code coverage.
- Won 1st Place at PROS intern Hackathon by building a B2B pricing product that leveraged competitor prices to provide a dynamic pricing estimator and sentiment analyzer to deliver real-time user feedback from YouTube comments.
- Leveraged knowledge in Full Stack Web Development, Javascript, React, Redux, Node.js, Chrome Developer tools, and Agile.

## TECHNICAL PROJECTS

### YOUTUBE SENTIMENT BOT - HACKATHON WINNER | GITHUB

- Won 1st place at PROS Intern Hackathon and received prize for most innovative open-source solution.
- Developed a full-stack web app that parses YouTube comments from videos to determine sentiment polarity using NLP.
- Utilized: Python, React, YouTube API, Natural Language Processing

### SPORTS BETTING LINE VISUALIZER | WEBSITE, GITHUB

- Implemented a full-stack web app that aggregates popular NBA, NFL, and MLB betting lines, predictions, and trends.
- Utilized: Python, React, AWS, Web Scrapping, ESPN API

### FANTASY PREMIER LEAGUE TEAM ANALYZER | GITHUB

- Created an FPL command line team analyzer for /r/FantasyPL managers to check team points, view league ranks, and analyze team selections.
- Utilized: Python, FPL API, Web Scrapping

### CONNECT MATCHING ALGORITHM WEB APP | WEBSITE, GITHUB

- Developed a full-stack web app, automated matching algorithm, and NLP resume parser for Honors Senior Design project.
- Utilized: Python, React, AWS, Git, Natural Language Processing

### TWITTER TWEET POLARITY ANALYSIS BOT | GITHUB

- Utilized: Python, Flask, React, Git, Twitter Developer Kit, Tweepy API