



1909 Rio Grande St, Apt 211  
Austin, TX 78705  
[www.armankhondker.com](http://www.armankhondker.com)

# ARMAN KHONDKER

(832) 766-

2322

 [armankhondkerutexas.edu](https://github.com/armankhondker)  
[github.com/armankhondker](https://github.com/armankhondker)  
 [linkedin.com/in/armankhondker](https://www.linkedin.com/in/armankhondker)

## EDUCATION

Austin, TX 2020	University of Texas at Austin	August 2016-May
<ul style="list-style-type: none"><li>• <b>Major:</b> Electrical and Computer Engineering, B.S.E (GPA: X.X)</li><li>• <b>Technical Cores:</b> Software Engineering and Design, Data Science and Information Processing</li><li>• <b>Programming Coursework:</b> Algorithms and Data Structures, Software Lab, Software Testing, Software Architectures, Software Design and Implementation I &amp; II, Python Programming, Network Security</li></ul>		

## EXPERIENCE

Software Engineer, Intern 2019	PROS Inc.	June 2019 -August
PROS Group Sales Optimizer Team and Rental Team ( <a href="http://www.pros.com">www.pros.com</a> ): Back End Development <ul style="list-style-type: none"><li>• Improved Rental testing performance by 12% by implementing an automated transfer generator in Java.</li><li>• Integrated internal exchange rate web service API with GSO application which increased data precision of GSO exchange rates by <i>five decimal places</i> and subsequently reduced customer pricing inaccuracies.</li><li>• Replaced 90% of legacy code in build gradle script to integrate with open-source Docker Plugins.</li><li>• Spearheaded 3 different projects through full development lifecycle in a fast-paced agile environment.</li><li>• Leveraged knowledge in <i>Java, Spring, Gradle, Groovy, Databases, SQL, HTTP, REST, XML, Docker, and Agile</i>.</li></ul>		
Software Engineer, Intern 2018	PROS Inc.	June 2018 – August
PROS Rental Team and Scientific Analytics Team ( <a href="http://www.pros.com">www.pros.com</a> ): Full Stack Web Development <ul style="list-style-type: none"><li>• Implemented Filter Bar UI component into PROS UI library by utilizing React, JavaScript, HTML/CSS.</li><li>• Improved SA data visualization tools by 15% by integrating a Heat Map and achieved 100% code coverage.</li><li>• Won <i>1st Place</i> at PROS intern Hackathon by building a B2B pricing product that leveraged prices to provide a dynamic pricing estimator and sentiment analyzer to deliver consumer feedback from YouTube comments.</li><li>• Selected as 1 out of 32 interns to demo Filter Bar at monthly UI meeting to all UI developers at PROS.</li><li>• Leveraged knowledge in <i>Full Stack Web Development, Javascript, React, Chrome Developer tools, and Agile</i>.</li></ul>		

## SOFTWARE PROJECTS

**Personal Website:** [www.armankhondker.com](http://www.armankhondker.com) (for additional information and projects)

### Twitter Tweet Polarity Analysis Bot

- Built a Twitter Bot to parse Tweets and determine sentiment scores with natural language processing.
- Integrated sentiment scores from over 5000+ tweets on laptop brands into price forecasting model.
- Utilized: *Python, Flask, Javascript, HTML/CSS, Git, Twitter Developer Kit, Tweepy API*

### LineDriveBetting Aggregated Sports Betting Data Web App

- Implemented a full-stack web app that aggregates popular sports betting lines and predictions
- Utilized: *Python, React, AWS, Web Scrapping, HTML/CSS, Git. ESPN API*

### YouTube Video Comment Sentiment Analyzer

- Developed a web app that parses YouTube comments from videos to determine sentiment polarity.
- Won first place at PROS Intern Hackathon and received prize for most innovative open-source solution.
- Utilized: *Python, React, Javascript, Git, HTML/CSS, YouTube Data V3 API, Natural Language Processing*

### RGK Connect Matching Algorithm Web App

- Developed a full-stack web app and matching algorithm for participants of the RGK Connect Program.
- Utilized: *Java, React, AWS, HTML/CSS, Git*

### Amazon Price Tracker with Email Notifications

- Created a price tracker app to send an email notification when Amazon items drop in price.
- Utilized: *Python, Flask, Web Scrapping, HTML/CSS, Git*

## SKILLS

---

**Software:** *Java, Python, JavaScript, React, HTML/CSS, C/C++, Git, Unix, Agile, Swift, Go, Spring, HTTP, REST, SQL*