



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

## ARMAN KHONDKER

(832) 766-2322  
armankhondker@utexas.edu  
 [github.com/armankhondker](https://github.com/armankhondker)  
 [linkedin.com/in/armankhondker](https://linkedin.com/in/armankhondker)

### EDUCATION

Austin, TX	University of Texas at Austin	August 2016 - May 2020
<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 and Privacy, Digital Logic Design</li></ul>		

### EXPERIENCE

Software Engineer, Intern	PROS Inc.	June - August 2019
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 app testing performance by 12% by implementing an automated transfer record generator in Java.</li><li>• Integrated internal exchange rate web service API with the group sales optimization 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 modern open-source Docker Plugins.</li><li>• Spearheaded 3 different projects through the full software development lifecycle in a fast-paced agile environment.</li><li>• <u>Leveraged knowledge</u> in <i>Java, Spring, Gradle, Groovy, Databases, SQL, HTTP, REST, XML, Docker, and Agile</i>.</li></ul>		
Software Engineer, Intern	PROS Inc.	June - August 2018
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 internal UI library by utilizing React, JavaScript, HTML/CSS.</li><li>• Improved SA data visualization tools by 15% by integrating a Highcharts Heat Map and achieved 100% code coverage.</li><li>• Selected as 1 out of 32 interns to demo Filter Bar at monthly UI Squirrel meeting to all UI developers at PROS.</li><li>• Won 1<sup>st</sup> 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 consumer feedback from YouTube comments.</li><li>• <u>Leveraged knowledge</u> in <i>Full Stack Web Development, Javascript, React, Node.js, 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 ([www.linedrivebetting.com](http://www.linedrivebetting.com))

- 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

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

#### RGK Connect Matching Algorithm Web App ([www.rgkconnectmatching.com](http://www.rgkconnectmatching.com))

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

#### 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*