Arman Khondker

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github.com/armankhondker | armankhondker.com | linkedin/in/armankhondker

EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY
MS in Computer Science
December 2021 | 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 Scraping, 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 Scraping

CONNECT MATCHING ALGORITHM WEB APP | Website, Github
- Developed a full-stack web app, automated matching algorithm, and NLP resume analyzer 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