Amey Khairnar

ameyrk.me

Arlington, TX ● ameykhairnar99@gmail.com ● +1 682-552-6369
Github ameyrk99 ● LinkedIn ameyrk

Education

University of Texas at Arlington
BS Computer Science
Minor Mathematics

Cum Laude
May 2021 ● GPA 3.55/4.0

Coursework

Probability & Statistics
Mathematical Models
Discrete Mathematics
Database Systems
Linear Algebra
Artificial Intelligence
Theory of Computation
Computational Methods
Software Engineering
Software Testing

Skills

Languages
Python, SQL, Bash

JavaScript, C/C++

Frameworks/Libraries
SQLite, Matplotlib, Pandas
Numpy, Beautiful Soup

ReactJS, Flask, Bootstrap

Cloud Technologies
Heroku, Firebase, Google
Cloud Functions

Other
Excel/Google Sheets, Git
LaTeX, Linux, Agile/SCRUM

Experience

Software Engineer Intern @ **Lenovo**　　　Morrisville, NC ● June - July 2020
- ◇ Worked on the portal for Smart Office's ThinkSmart devices.
- ◇ Wrote data aggregation scripts for product owner to gain insight into the state of the product over Organizations, Devices, etc.
- ◇ Designed the architecture and implemented the frontend for export users story, and performed spike analysis for the backend.
- ◇ Completed spikes for security features and resolved various story tasks for the portal.
- ◇ MongoDB ● TypeScript, Angular ● Java, Spring

Peer Academic Leader @ **UTA**　　　Arlington, TX ● Aug 2018 - Dec 2020
Taught UNIV-EN 1131 'Student Success' classes, of about 30 students, twice a week in collaboration with an engineering faculty.

Projects

Health Tracker @ ameyrk.me/tracker　　　2020 - 2021
- ◇ Analysis along with visualization of frequencies and averages of sleep, water, caffeine, steps, and heart rate over various time periods.
- ◇ Recorded and visualized health data in order to understand my health better after I realized my water intake was extremely low.
- ◇ Python, Pandas, Numpy, Matplotlib ● Apple Watch, Sleep++

WhatsApp Visualizer　　　2019
- ◇ Visualizations of distributions of chat messages, media, and words, and frequencies over 24 hours and dates.
- ◇ Implemented initially to learn more Python and Matplotlib but later made more accessible through a website by using Chart.JS.
- ◇ JavaScript, Chart.JS ● Python, Matplotlib

Yreads @ yreads.ameyrk.me　　　2020
- ◇ Website to log data about my reading habits and record personal reviews.
- ◇ Implemented RESTful APIs to log my book data such as ratings, pages, and various dates for analysis later.
- ◇ Heroku, Python, Flask ● TypeScript, Google Firebase

LED Scoreboard　　　2020 - 2021
- ◇ Senior Design project powered by Raspberry Pi to display scores for different leagues such as NHL, NBA, MLB, and La Liga.
- ◇ Implemented NHL API integration and built the functionality to render game components on the LED board.
- ◇ Hosted various project meetings as the SCRUM master of the team.
- ◇ Python, rpi-rgb-led-matrix ● Raspberry Pi