Amey Khairnar

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Education

University of Texas at Arlington

BS Computer Science & Minor Mathematics   **Cum Laude** • May 2021 • GPA 3.55/4.0

Coursework: Algorithms & Data Structures, Software Engineering, Software Testing, Database Systems, Software Project Management, Operating Systems, Theory of Computation, Artificial Intelligence

Experience

Software Engineer Intern @ **Lenovo**   Morrisville, NC • June - Aug 2020

◇ Worked on the portal for Smart Office's ThinkSmart devices.

◇ 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 fullstack story tasks for the portal.

◇ Wrote data aggregation scripts for product owner to gain insight into the state of the product over Organizations, Devices, etc.

◇ TypeScript, Angular • Java, Spring • MongoDB

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.

Skills

Languages: TypeScript/JavaScript, Python, C/C++, Java, SQL, Bash, Go

Frameworks/Libraries: ReactJS, Flask, Bootstrap, SQLite, Matplotlib

Cloud Technologies: Heroku, Firebase, Google Cloud Platform

Other: Git, Agile/SCRUM, LaTeX, Linux, JUnit, GTK

Projects

Yreads @ yreads.ameyrk.me   2020 -

◇ Website to log data about my reading habits and record personal reviews.

◇ Implemented RESTful APIs using Firebase Functions to log my book data such as ratings, pages, and various dates for analysis later.

◇ Designed two-part blogging and logging system using Flask and SQL for account management.

◇ 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

AHunt, HackUTA   2018

◇ Web application that uses QR codes to create and organize scavenger hunts; A project for Hackathon at UTA.

◇ Collaborated in a team and programmed the QR code functionality among other features.

◇ JavaScript, ReactJS, Google Firebase