

Amey Khairnar

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Github [ameyrk99](#) • LinkedIn [ameyrk](#)

Education

University of Texas at Arlington

BS Computer Science

Minor Mathematics

Exp. May 2021 • GPA 3.57/4.0

Coursework

Algorithms & Data Structures

Software Engineering

Software Testing

Database Systems

Operating Systems

Theory of Computation

Programming Languages

Compilers

Artificial Intelligence

Software Project Management

Probability & Statistics

Discrete Mathematics

Calculus I, II, & III

Skills

Languages

TypeScript/JavaScript, C/C++,
Python, Bash, Java, Go

Frameworks/Libraries

ReactJS, Flask, React Native,
Bootstrap, SQLite, Angular

Cloud Technologies

Serverless, Heroku, Firebase,
Google Cloud Functions

Other

Git, Agile/SCRUM, L^AT_EX,
Linux, JUnit, GTK

Experience

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

- ◊ Worked on the portal for ThinkSmart devices, as part of the Smart Office team.
- ◊ 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.
- ◊ Wrote data aggregation script for product owner to gain insight into the state of the product.
- ◊ 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.

Projects

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.
- ◊ Raspberry Pi, Python, rpi-rgb-led-matrix

Yreads @ yreads.ameyrk.me

2020

- ◊ Personal review blog, catalog and tracking system for the books I read.
- ◊ Build a responsive website using Bootstrap and implemented RESTful API for various blog and catalog operations.
- ◊ Heroku, Python, Flask • TypeScript, Google Firebase

DVD Term Screensaver (DVDTS)

2019

- ◊ Terminal screensaver similar to famous DVD logo but with distribution/OS name, custom text, or piped input.
- ◊ Expanded my knowledge of Go while contributing to a UNIX customization community.
- ◊ Go, Termui

Yet Another Calendar App (YACA)

2019

- ◊ A minimal calendar and planner Android app aimed at college students to manage work from classes and other events.
- ◊ Led a team and worked on features like daily reminder notifications for each user using serverless functions.
- ◊ JavaScript, ReactNative • TypeScript, Google Firebase