

Aleem Rehmtulla

aleemrehmtulla.com | github.com/aleemrehmtulla

Education

Aldershot Highschool

Honor Roll | I-STEM

Burlington, Canada

2019 - 2023

Technical Skills

- Abstract Syntax Tree Manipulation, Python, MatLAB, Advanced Image Processing, Technical Documentation
- ChakraUI, Vite, Remix, Github, Jest, Figma, Prisma, Next.js, Bootstrap, Express.js, ES6
- Systems Networking, Network Engineering, Ruckus, Ubiquiti, Cisco Meraki, Tizen, VSCode

Experience

Systems Engineer

2021 - 2022

FallyX (Thermapal)

- Worked on pilot programs in Canadian-based retirement homes like Delmanor and Generations to prevent falls in seniors using smartwatch technology to measure vitals and pipe it through an AI algorithm.
- Created novel tracking systems using Bluetooth to precisely locate where a given senior would be.

Software Engineer

2022 - 2022

Buildspace (Zip Education Inc.)

- Contributed to the development of a web3 education company's core platform, utilized by over 100,000 users.
- Helped create innovative products such as builder logs and job boards, enhancing the user experience on the platform.
- Worked directly under 2 senior engineers with experience at companies like Microsoft and IBM.

Software Engineer

2023 - 2023

Bifrost (YC22)

- Joined as the first full-stack dev to bring the core product to market in a self-serve fashion
- Designed algorithms to mutate Figma data into readable frontend code
- Developed the companies VSCode extension and user dashboards

Project Spotlight

PadawanDAO

Founded a decentralized org for sponsoring teenagers to crypto conferences. This project was able to help over 200 people get into the Blockchain space. Raised \$500k from notable investors (Vitalik Buterin, The Graph, Ric Burton).

Youtube <> Deepfake

Built a webapp that can take any youtube video link, and clone the persons voice in <5 minutes. Gained 100k+ users in 24 hours, and recognized by industry titans like Fireship.

Gun Detection Algorithm

At 14, just months after losing my dad to gun violence, I built a Machine Learning algorithm to detect guns using CCTV and alert 911 automatically.

Apple Vision Pro Subtitles

For the upcoming Apple Vision Pro headset, I built an app to add real-time subtitles in 4+ languages during conversations using the onboard AR systems, effectively killing language barriers.

Nexgen Founders

Fostered a community of 500+ young founders, builders and dreamers. We organize both virtual and in-real-life meetups all over the world.