Aditya Keerthi

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Summary of Qualifications

- Highly adept software engineer who has experience with coding, testing, and integration of software and web-based technologies.
- Seeking to leverage passion for software engineering, working knowledge of tools such as Python, Node, Jest.
- Familiar with the Software Development Life Cycle (SDLC) and experienced with Git/Github, Docker, GCP, Jira.
- Creative professional with great communication skills and ability to work well in a team with a growth mindset.

Work Experience

Feroot Security, *QA Engineer Intern* – Vue, JavaScript, Jest — **8/22 - 9/22**

Toronto (remote)

- Developed automated unit tests on the frontend with the use of TestingLibrary and Jest
- Learned Agile development through participating in sprints with the development team
- Communicated during Scrum and worked with colleagues to develop new features and tests

Feroot Security, *Software Engineering Intern* – JavaScript, Docker, Jenkins — **7/21 - 9/21**

Toronto (remote)

- Developed, tested, and deployed the user documentation for the Feroot product from scratch
- Researched and developed software that reports external scripts that track mouse movements
- Learned the Gitflow workflow while understanding the importance of containers to ship software, e.g. Docker

Extra Curriculars

Co-Lead and Logistics Lead at JAMHacks — **6/20 - 8/22**

Waterloo

- Coled Waterloo's largest high-school only hackathon that was the first hackathon to run in-person after the COVID-19 pandemic
- Created event planning timeline and guided team members to complete tasks and meet deadlines
- Provided support during the live-event and led logistics behind various workshops and ceremonies

University of Waterloo, *Research Intern* – Python — **11/20 - 6/21**

Project: NeuroPET-M: A Multimodal PET Scan Platform for Neurodegenerative Diseases

Waterloo

- Researched PET scans and innovated the analysis of PET scans in medical practice
- Analyzed the relationship between the frequency of biomarkers and brain diseases

Projects

NeuroPET-M, *International Science and Engineering Fair* – Python — **11/20 - 6/21**

Top 22 Projects in Canada

- Developed software to aid diagnosis of neurodegenerative diseases for doctors
- Receives a set of patient's PET images as input and relays a widget consisting of a 3D interactive brain output which visualizes the location of multiple biomarkers in the brain

NoDeSQL, *DistanceHacks and TOHacks* – NodeJS, IPFS, ReactJS — **5/20**

1st and 3rd place

- A database service acting as a web application that allows users to manage a decentralized database
- Developed the backend server in NodeJS with IPFS methods imitating a normal NoSQL database

Education

University of Waterloo, *Honours Software Engineering (BSE), Co-op* — **2022 - 2027**