SOORAJ ARAKKAL

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EDUCATION

University of Alberta   **Sept 2018 – May 2022 (expected)**

- **Major:** Computing Science, B. Sc. (GPA: 3.3) (Year 4).
- **Dean's Honor Roll:** For 2018 – 2019, 2019 – 2020 academic years.

TECHNICAL SKILLS

- **Proficient:** Python, Java, React Native, HTML/CSS
- **Familiar:** JavaScript, AWS, GCP, Node.js, Express.js, MongoDB

EMPLOYMENT

Sparrow Lending PBC.   **May – Jun 2021**
Full-Stack Software Developer
- Wrote backend code that handled external HTTP requests from third party endpoints.
- Commended for clear communication and unparalleled willingness to learn.
- Gained experience in **AWS Lambda**, **DynamoDB**, **GraphQL**, and styling in CSS using **Bulma.io**.

University of Alberta   **Jan – Apr 2021**
Undergraduate Teaching Assistant – Course: Formal Systems and Logic
- Assisted professor in setting the difficulty of the course, grading student assignments, and replying to queries.
- Gave 200 students detailed feedback which contributed to 10% higher average marks in final exam.
- Learned how to effectively manage time between a full course load and working a part-time job.

Prilyx R&D   **Apr – May 2020**
IT Assistant
- Wrote documentation for various software to be used as onboarding for more than 10 security personnel.
- Refactored existing documentation to include more detail which resulted in 20% faster onboarding time.
- Learned how to use the in-house Content Management System and received training in technical writing.

PROJECTS

Kitchen Dash (GitHub)
- Supervised a team of 4 developers and created a community run meal-planning app in 24 hours.
- Tested app on both Android and iOS devices to fix platform specific bugs.
- Created a presentation and delivered a 2-minute pitch to senior engineers at Intuit.
- **Utilized:** React Native, Firebase, GitHub

MobiLibrary (GitHub)
- Developed an Android app that lets you lend and borrow books as part of a 6-member team.
- Took advantage of the **Firestore API** to incorporate authentication and real-time storage into the app.
- Wrote unit tests frequently for almost all classes to ensure software quality and to reduce technical debt.
- **Utilized:** Java, UML, Figma, GitHub, TravisCI

Food Finder App (GitHub)
- Developed an app that uses the yelp API to find restaurants in different locations and list them by price range.
- Used the **Axios library** to easily make GET requests from an endpoint with over 50 million businesses.
- **Utilized:** React Native, Axios, Yelp Fusion

EXTRACURRICULAR

Software team member at Autonomous Robotic Vehicle Project at the University of Alberta.   **Dec 2020 – Present**
Software team co-lead at Renewable Energy Designs at the University of Alberta.   **Sep – Dec 2020**
Co-curricular activities secretary at India International School, Kuwait.   **Jan – Dec 2017**