

Anand Krishnan

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EDUCATION

Georgia Institute of Technology

Bachelor of Science in Computer Science

Atlanta, GA

Aug. 2019 – Dec. 2022

Concentrations: Intelligence and Information Internetworks

GPA: 4.00

- **Coursework:** Object-Oriented Prog, Data Structs & Algos, Computer Org & Prog, AI, Systems & Networks, Objects & Design, ML, Computer Networking, Databases, Perception & Robotics, Computer Vision, Mobile Apps

EXPERIENCE

Facebook | *Software Engineering Intern*

August. 2021 – Nov. 2021

- Created a PHP logging infrastructure to stabilize Facebook Ad Onboarding process for e-commerce companies resulting in a **95%** customer conversion rate & unblocking **thousands** of customers.
- Led the release of a new version of the FBE Magento plugin: github.com/facebookincubator/facebook-for-magento2
- Developed and published 2 data pipelines & partnering dashboards built with Python and MySQL to understand impact of team work in terms of profit unblocked and product adoption.

ServiceNow | *Software Engineering Intern*

June 2021 – August. 2021

- Designed, built, and deployed to production 3 internal Ruby APIs to summarize and update TLS certificate info with the OpenSSL library yielding **100%** security coverage for all user app instances.
- Researched and integrated keytool library to interact with TLS cert-chains, keystores, and truststores.
- Created partnering RSpec unit and integration tests to ensure stability of APIs.

Kimberly-Clark | *Software Engineering Co-op Intern*

Jan. 2021 – May 2021

- Created an automated blurring utility for anonymizing media using TensorFlow BodyPix and Azure durable functions & containers allowing for the use of consumer data in product research studies globally.
- Implemented caching and temporary storage in Dart that **led to a 60% increase** in app stability and speed.

MotionWorks | *Software Engineering Intern*

May 2019 – Aug. 2019

- Used Swagger OpenAPI, PlantUML, and Spring to design 5 specifications and implement 2 Java RESTful API endpoints for route search & creation capabilities leading to a **75% increase in web service functionality**.
- Utilized Maven to debug build issues & JUnit to write unit & integration tests to increase stability of the project.

RESEARCH & PROJECTS

Rentable | *React Native, Firebase Auth, Firestore DB, Django, Git*

Jan. 2022 – Present

- Lead developer and project manager for independent startup team building a cross platform mobile application.
- Built: Auth (email/phone verification, Google & FB integration, MFA), user state persistence & account lifecycle.
- Scouting funding opportunities from investors, working with lawyers for patent, preparing go-to-market strategies.

Vision | *Python, OpenCV, Auto ML Vision Edge, Git*

Aug. 2019 – Jan. 2022

- Collaborated with the GT Sonification lab to build a novel, low-cost wearable device to assist the disabled and visually impaired population with detecting obstacles during navigation yielding a **95% reduction in accidents**.
- Using tailor-made TF-lite model along with gap detection and whiskering algorithms for efficient pathfinding.
- Competed in the semifinal round at the 2021 InVenture Prize Competition at Georgia Tech.

Health Port | *React Native, TypeScript, Git*

Oct. 2020 – Dec. 2021

- 1st Place at HackGT 7: NSIN Sponsored Challenge | devpost.com/software/health-port
- Collaborated with the US Army to create a single interface to dynamically aggregate data from many fitness-tracking devices and their respective APIs to **improve operational efficiency of trainers by 70%**.

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, MySQL, HTML/CSS, C, C++, Ruby, PHP, C#, Dart

Frameworks/Libraries: React, React Native, Node.js, Express.js, JUnit, HTTP, OpenCV, Spring, Selenium

Tools: AWS, Azure, Google Cloud, Git, Docker, Linux, Firebase/Firestore, Postman, CI/CD