Kavin Phan

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EDUCATION

BS Computer Science, Georgia Institute of Technology, Atlanta, GA — Expected 05/2023
BS Computer Science, Georgia State University, Atlanta, GA — 2018-2019

EXPERIENCE

Georgia Tech Research Institute, *Software Engineer Co-Op* — August 2019 -- Present
- Developed a full stack Flask web app for the applied bioinformatics lab in order to facilitate wide-spread COVID-19 testing
- Maintained back end Spring microservices of an airplane's in-flight entertainment system
- Developed a full stack Spring web app to automate concurrent testing of multiple Android devices

NCR, *Software Engineer Intern* — May 2020 -- August 2020
- Integrated Google's Instant App feature into a native Android white-label restaurant app and developed additional deep links to facilitate a contact-less dine-in experience
- Explored the use of augmented reality to drive customer engagement on mobile food delivery apps

EcoDrop LLC, *Co-Founder, Lead Software Engineer* — September 2018 -- October 2019
- Won 1st place at HackGSU Spring 2019
- Prototyped a reverse-vending machine that scanned recycled materials using computer vision
- Built a mobile app that incentivized recycling
- Developed Firebase cloud functions to manage user data

PROJECTS

oDot Full stack agenda web app with a scalable NestJS microservice back end architecture and a front end using Bootstrap

Recognito Serverless web app using AWS that transcribes videos, also available via a Chrome extension. Originally a start-up demo. (NodeJS)

Mine-oT Hooked into various actions available in *Minecraft* to control IoT devices via cloud functions (Java, GCP, Go)

SKILLS

Languages: Java, NodeJS/JavaScript, Python, SQL, HTML/CSS
Technologies: Flask, Spring, NestJS/Express, Redis, AWS, GCP, Bootstrap, jQuery, Docker, Ansible, Vagrant, MySQL, SQLite3