NANDITA KATHIRESAN

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EDUCATION

Cornell University August 2020 - May 2024
Bachelor of Science in Computer Science *Ithaca, NY*

Hillsborough High School September 2016 - June 2020
High School Diploma *Hillsborough, NJ*

WORK EXPERIENCE

Microsoft May 2023 - August 2023
Software Engineering Intern - AI Platform *Redmond, WA*
- Extended OCR tool to accelerate data collection and helped on-board more internal customers and created GUI interface to build synthetic augmentation configs to accelerate time to market for new prebuilts
- Used React JS and Python for full-stack development for the OCR tools and leveraged Microsoft APIs to enable extended data collection capabilities

Microsoft May 2022 - August 2022
Software Engineering Intern - Azure Core *Redmond, WA*
- Analyzed and established the performance baseline of new Azure Gaming SKU to understand the hardware capability to run PC game streaming in terms of stream quality, resolution, hardware resource usage, and the number of concurrent streams supported, and provide best practice for Azure customers.
- Utilized Batch to create script files to automate the testing process to create multiple server-to-client streaming connections to stress the limits of the SKU to understand capability

Shopala June 2021 - Present
Founder *Ithaca, NY*
- Received $10,000 from Cornell's Johnson student Startup Accelerator to create an app that helps people determine cost-per-wear of clothing items to help them make more sustainable shopping decisions
- Managing a team of 6 students, conducting customer interviews, & creating MVP using React Native

CodaKid January 2021 - December 2021
Coding Instructor *Hillsborough, NJ*
- Instructed 7 1:1 classes virtually on Zoom
- Cultivated excitement for programming by helping students develop games in Scratch, Roblox, and Minecraft using the languages Scratch, Lua Programming, Python, and Javascript

Group Summer Scholars Research Program June 2019 - August 2019
Research Intern *Union, NJ*
- Developed and deployed a simulation for detecting patterns of Ozone in troposphere
- Used C# and Unity 3D to develop the program to analyze NASA data, and used Java to clean up data for use

LEADERSHIP & ACTIVITIES

Alpha Kappa Psi Business Fraternity February 2021 - Present
Selected from competitive applicant pool of 95 students into a twelve-person class at Cornell
- Participated in eight-week intensive training program to hone business etiquette and professional soft skills

AWARDS

Honorable Mention in COVID-19 HealthCare App Challenge in Collaboration with Microsoft (800 participants) - June 2021
Top 15 project out of 1000+ students: Hackathon 'Hack Against Covid' - 2020
Varsity Athlete - High School Cross Country and Track & Field - (2016-2020)

TECHNICAL SKILLS

Languages and Skills	Python, Java, OCaml, React, React Native, Kusto, Batch, Docker, Kubernetes, Git, SQL
Web skills	HTML5, CSS, JavaScript

INTERESTS

Long-Distance Running Cooking Hiking