

Arin Khanna

arinkhanna@gatech.edu • (515) 494-0291 • linkedin.com/in/arinkhanna • github.com/arinkhanna • arinkhanna.com

EDUCATION

Georgia Institute of Technology

GPA: 3.80

Bachelor of Science, Computer Science – Devices & Intelligence

Expected May 2026

- *Relevant Coursework:* Machine Learning, Design & Analysis of Algos, Data Structures & Algorithms, Intro to AI, Intro to Robotics and Perception
- *Awards:* Dean's List (All Semesters), 18 Under 18 Arizona, Eagle Scout, National Merit Commended, InnovATL Case Competition Finalist
- *Prior:* Chaparral High School (AZ) Graduate; Top 5%, GPA: 4.0/4.0, ACT: 35, AP Scholar with Distinction

EXPERIENCE

PwC

New York, NY

Incoming Technology Consulting Intern

Jun 2024 – Aug 2024

Autonomous LiDAR (VIP) @ Georgia Tech

Atlanta, GA

Undergraduate Research Assistant

Jan 2024 – Present

- Developed an improved path planning obstacle avoidance abilities for four-wheeled rover
- Improved and iterated upon ROS modules for movement of rover and integrated LiDAR sensor

Cox Automotive

Atlanta, GA

Software Engineer Intern

May 2023 – Aug 2023

- Developed tool to extract data from high performance computers improving efficiency of business and development teams
- Utilized lambda functions and cloud deployment through AWS CDK and created GitHub Actions for auto deployment
- Implemented a React.js based dashboard for monitoring user metrics across client-facing applications
- Architected marketplace for vehicle conditions with potential of generating \$37 Million in additional annual revenue
- Facilitated daily standup alongside product manager to drive team efficiency and adherence to project timelines

Sustainable Water Project

Scottsdale, AZ

Co-Founder and Executive Director

Jun 2015 – Aug 2022

Non-profit that operates in impoverished villages in India installing water infrastructure to improve daily life

- Raised \$25,000+ to install solar-powered infrastructure to bring potable water to over 20,000 people in 8 villages in India
- Created over 20 jobs for women to earn money through a sewing enterprise providing sewing equipment and training
- Led operations for 4 years from fundraising to on-site implementation of each project understanding the needs of villagers

Design Informatics Lab, Arizona State University

Tempe, AZ

Research Assistant

Jun 2021 – Sep 2021

- Collaborated with graduate students to advance autonomous vehicle technology, emphasizing machine learning systems
- Implemented a new database of composable benchmarks, CommonRoad, and programmed traffic scenarios using Python
- Conducted extensive review of cutting-edge research in autonomous vehicles, presenting findings at weekly meetings

PROJECTS

Rocola

Atlanta, GA

Founding Developer

Jan 2023 – Present

- Developing virtual jukebox for restaurants and venues to allow guests to choose their own music
- Implementing Stripe API to allow monetization utilizing React.js and Radix UI for the frontend and AWS for the backend
- Utilizing Spotify API to allow users to join jukebox using their own accounts giving access to personal playlists

ColorFix

Atlanta, GA

HackGT9 Submission

Oct 2022

- Developed a browser extension to cater to people with color blindness as part of a 36-hour hackathon project
- Product adds filter to any webpage to allow people with specified forms of color blindness to differentiate colors
- Utilizes PostgreSQL databases for capturing data and HTML, CSS, and JavaScript for frontend and backend development

LEADERSHIP

Undergraduate Consulting Club

Atlanta, GA

Director of Project Management

Nov 2023 – Present

- Sourced Pro Bono work with 3 Fortune 100 companies and 4 local startups every semester
- Facilitated semesterly Pro Bono projects, creating teams and maintaining connection with company for weekly updates
- Reached out to various companies to organize events for members to attend and network

OTHER

Skills: Python, Java, React.js, Typescript, JavaScript, Amazon Web Services (AWS), Maven, C, Assembly, HTML/CSS, Mechanics, CAD, Microsoft Office, CommonRoad, SQL, Git

Extracurriculars: Undergraduate Consulting Club (UCC), WebDev @ GT, Trading Club at Georgia Tech, Phi Kappa Theta Fraternity