Arnav Arora

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EDUCATION

Dual Enrollment at Georgia Institute of Technology	Aug. 2022 - May 2023
Dual Enrollment on campus full-time	*Major GPA 3.8*
University of Georgia	Aug. 2023 - April 2024
Major in Computer Science	*Major GPA 4.0*
Georgia Institute of Technology	May 2024 - December 2025
Summer Conditional Transfer, Bachelor's in Computer Science	*Major GPA 3.9*

RELEVANT COURSEWORK

Taken: CS 1331 (Object-Oriented Programming), CS 1332 (Data structures and Algorithms), CS 2050 (Discrete Math), PHYS 2212 (Computational Physics), CS 2340 (Objects and Design), CS 4240 (Data Analysis), CS 4510
Planned: CS 3600 (Intro to AI), CS 4641 (Machine Learning), CS 4644 (Deep Learning)

PROFESSIONAL EXPERIENCE AND EXTRACURRICULAR PROGRAMS

Data Science Intern — May 2023 - Sep. 2023
Codoxo AI — *Duluth, GA*
- Helped identify problems and act quickly to control costs by implementing artificial intelligence for healthcare and agency companies
- Contributed over 10K+ lines of code in the company's database and increased work accessibility by 34%
- Worked on synthetic data creation, training the ML model, refactoring, and streamlining their current Code-Base
- Incorporated Amazon Web Services, transformer neural networks, and many modules all in Python

Software Engineer/Data Analysis Intern — Sep. 2022 - April 2023
Keller Williams Reality — *Alpharetta, GA*
- Completed research, produced timely reports, and generated data sets of past and potential clients
- Helped in the creation of separate real estate teams' 'starter' websites
- Developed social media strategy templates for Twitter, Instagram, and Facebook.
- Interacted with customers by phone, email, or in-person to provide real estate information

Software Engineer for Small Satellite Research Lab — Aug. 2023 - Present
University of Georgia — *Alpharetta, GA*
- One of two Software Engineers on campus under the Center for Orbital Satellite Mission Operations
- Responsible for satellite tracking, information and data reception, and intake of telemetry statistics
- Prepared systems such as Raspberry Pis and Arduinos for rotator/testing systems
- Provided major assistance in team software construction and maintenance

MAIN PROJECTS

GoLift | *Go, Swift, AWS, Java,* — June 2023 – Present
- Building a social media-based fitness app that allows users to record workouts and share progress with friends
- Used Apache reverse proxy, GIN, and JWT to establish a secure communication API, ensuring data privacy
- Hosted in AWS with Docker for streamlined deployment and CockroachDB for scalable database management
- Employed Git version control to code collaboratively while maintaining documentation and naming practices

EyeCare | *Python, Tensorflow, HTML, CSS, Tkinter, Keras* — May 2022 – September 2023
- Built an ocular disease detection software for Hackathon project using convolutional neural networks
- Determines percentage chance a person can get each of 10 common eye diseases by inserting an image of a person's two fundi'

- Developed to aid healthcare professionals locally and provide a better detection platform

There are more projects listed in my portfolio, with the source code and descriptions

TECHNICAL SKILLS

Languages: Java, Python, SQL (Postgres), LaTeX, JavaScript, HTML/CSS, C# (In Unity)
Frameworks: Django, Node.js, Flask, JUnit, FastAPI
Developer Tools: Git, Google Cloud Platform, Amazon Web Services, VS Code, PyCharm, IntelliJ, Sublime Text
Libraries: Pandas, NumPy, Matplotlib, Faker, TensorFlow, Scikit-learn, Seaborn, PyTorch