

# Ahmed A. Abdulla

ahmedportfoliioo.netlify.app | 929-312-9571 | aaa384@cornell.edu | Ithaca, NY 14853

## EDUCATION

**Cornell University, College of Arts & Sciences**

Ithaca, NY

**Major:** Computer Science | **Minor:** Data Science

Expected May 2026

**GPA:** 3.7; **Honors:** Dean's List (2023)

**Coursework:** Computing with Python, OOP & Data Structures (Java), Data Science, Frontend Development, Backend Development & Calculus

## PROFESSIONAL EXPERIENCE

**DaliaHealth** | *Frontend developer lead & CDO* | Ithaca, NY

Sep 2023 - Present

- Led design and development of a patient AI app (ReactJS, Flask, Firebase, Axios) with user-friendly interfaces.
- Secured doctor access, integrated SendGrid, added PDF export for diagnosis results, enhancing backend functionality.
- Improved heart murmur detection by ~8%, enhancing filtering and accuracy through feature engineering.

**Freelance Web Developer** | *Web dev* | New York, NY

June 2022 - Aug 2023

- Designed and deployed 4 websites, enhancing engagement by ~30% with optimized UI/UX through Figma.
- Managed projects, consistently delivering ~10% ahead of schedule, ensuring 100% client satisfaction.
- Overhauled outdated, unfriendly websites into modern, and highly accessible online platforms improving.

**Carve Food Emporium** | *Assistant Manager* | New York, NY

Jan 2018 - Apr 2022

- Oversaw daily operations and led a team of 15 staff members, ensuring efficient service and customer satisfaction.
- Managed inventory, scheduling, and vendor communications, improving operational efficiency by ~15%.
- Developed and implemented strategies to increase online sales and customer engagement, resulting in a ~8% growth in revenue.

## LEADERSHIP & PROFESSIONAL DEVELOPMENT

**Cornell Data & Strategy** | *Project Lead* | Ithaca, NY

Jan 2024 – Present

- Conducted price forecasting, employing predictive modeling, and executed market research within Cornell Data & Strategy.
- Applied predictive modeling techniques and conducted market research to contribute to the club's mission.
- Provided data analytics and corporate advisory services, leveraging insights for effective decision-making.

## PROJECTS

**Alien Invaders**

Nov 2023

**Technologies Used:** Python, Kivy (GUI)

Remote

- Programmed Alien Invaders game in Python, employing object-oriented principles for robust game logic and structure.
- Utilized Kivy, a Python GUI framework, to create an engaging and interactive user interface.
- Developed intricate gameplay mechanics, including scoring, lives, level progression, and a final boss.

**Task Manager**

Nov 2023

**Technologies Used:** Flask, SQL, HTML, CSS

Remote

- Developed a web-based task manager using Flask and SQL, facilitating efficient task organization and management.
- Crafted the front-end interface with HTML and CSS, ensuring a user-friendly and intuitive user experience.
- Implemented SQL database to store and manage task data, featuring functionalities for task addition, editing, and deletion.

**ConnectN**

Aug 2023

**Technologies Used:** Python, Kivy (GUI)

Remote

- Crafted ConnectN in Python with customizable grids for dynamic gameplay.
- Developed two advanced AI opponents (Easy, Hard) using sophisticated algorithms.
- Introduced ConnectN, a Python game reminiscent of Connect4, with adjustable grid sizes for diverse gaming experiences.

## SKILLS/INTERESTS

- **Languages:** Java, JavaScript, Python, SQL, HTML/CSS
- **Frameworks:** ReactJS, Node.js, Flask
- **Libraries:** NumPy, pandas, Matplotlib, Scikit-learn, Seaborn
- **Interests:** Skiing, Soccer, Traveling, Biking, Language Learning, Reading