Anurag Kejriwal

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Education

The Ohio State University, College of Engineering   **August 2023 - May 2026**
Bachelor of Science in Computer Science & Engineering with Honors Distinction (GPA: 3.9)   *Columbus, Ohio*
Minors: *Business & Statistics*

Relevant Coursework: Software Development & Design, Discrete Structures & Algorithmic Analysis, Linear Algebra, Software Components, Fundamentals of Engineering Honors, Multivariable Calculus, Probability & Statistics for Engineers.

Experience

GE Aerospace   **May 2024 - Aug 2024**
Incoming Software (Digital Technology) Intern   *Cincinnati, Ohio*

Youth for STEM Equity   **May 2021 - Present**
CFO, Lead Website Developer   *Columbus, Ohio*
- Worked to raise over **$68,000** contributing to fostering equity within STEM through educational grants and events.
- Managed, developed, and deployed the official website to serve as a central frontier for all YSE operations.
- Coordinated key partnerships with organizations such as **OHI/O** & **Major League Hacking**.
- Created and optimized a budget sheet tracking **$2,000+** of active funds utilized for every business initiative.

iD Tech Camps   **December 2023 - Present**
Machine Learning/Computer Science Instructor   *Campbell, California*
- Tailored & Supervised **80+** student projects utilizing **Amazon GDevelop**, **PyKeras**, & other programming tools.
- Developed unique curricula for **AI/ML**, **Java**, and other computer science concepts to teach one-on-one to students.
- Constructed individualized Post-session reports, increasing student and parental retention rates by **50%**.

The Dog Wizard   **June 2023 - September 2023**
Technology & Business Intern   *Columbus, Ohio*
- Developed and optimized the official website that hosts services and products with **HTML**, **CSS**, & **JavaScript**.
- Used Excel spreadsheet techniques to optimize **$30,000** worth of business pricing of services and inventory.
- Researched social media **algorithms** and applied strategies to maximize online engagement to obtain **200+ leads**.

Projects

Skin-Cancer Diagnosis Web App | *Python, TensorFlow, Keras, VGG-16 CNN*   **April 2022 - October 2022**
* Developed a **computer vision** model that classifies types of skin cancer based on an uploaded image by the user.
* Utilized Python and **VGG-16** Convolutional NN to train model on a dataset with thousands of pre-identified images to achieve **89%** accuracy of classifying between 7 different types of skin-cancer.
* Presented project in a symposium composed of **100+** AI researchers and students.

Weekly Schedule Planner | *Java, Util package, VSCode*   **May 2023 - July 2023**
* Created a program using **Java** and the Java.Util package that utilizes user input to create a clear and concise weekly planner that details each event with a category, the start and end times, and the name of the task.
* Utilized **ANSI Color** codes as well as **Java.Util Package** to enhance **UI** in the auto-generated and organized planner.
* Tested routine, challenging, and boundary cases through self-made test protocols.

Skills

Programming: Git, Python, Java, HTML/CSS, JavaScript, C/C++, MATLAB, JUnit, Data Structures & Algorithms
Languages: English, Hindi, French

Activities & Awards

- **President's Buckeye Accelerator Award** — Selected to win $50,000 in funding and participate in a prestigious year-long business venture accelerator that combines entrepreneurship skill building, and deep mentorship.
- **Computer Science Honor Society**— President & Founder of entire Dublin City Schools Chapter.
- **Boeing DOI Scholarship Recipient** — Merit-based international scholarship granted by the Boeing company.
- **Maximus Scholarship Recipient**— Merit-based Academic scholarship given to top 3% of graduating class.
- **AP Scholar with Distinction**— Highest honor given to an AP student based on competitive test scores.
- **Dublin Community Champion**— Awarded to students with outstanding community service & leadership.
- **Valedictorian & President's Education Award** — Top 4% of class rank & outstanding excellence.