

# Ryan Jiang

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## Education

**CUNY Hunter College**

August 2021 - May 2025

Bachelor of Arts in Computer Science, Minor in Math

## **Relevant Coursework**

Operating Systems, Deep Learning, Flutter App Dev, Big Data Technology, Digital Product Dev, Computer Theory I, Practical Web Development, Computer Architecture I & II, Software Analysis and Design I, II & III, Discrete Structures

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## Work Experience

**Unadat - UI/UX Designer Intern**

July 2023 - August 2023

- Led a sub team within the Product Team in an Agile Scrum environment to identify gaps in user needs, driving the design and implementation of new features and enhancements to existing functionalities.
  - Communicated and resolved over 20 tickets during Scrum sprints, contributing to live product updates and ensuring high availability, improved user experience, and satisfaction.
  - Designed a prototype for an overview page with a Financial Wellness Score section, incorporating actionable tips and optimized user insights while streamlining content.
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## Projects

**CodeStash (MongoDB, Express, React, Node.js)**

January 2025 - January 2025

- Deployed and developed a full-stack snippet management application with features to create, edit, delete, and view code snippets, including syntax highlighting.
- Implemented user authentication, authorization, and an advanced search with filters for title, content, programming language, and customizable tags.
- Designed and implemented a dynamic snippet library and detailed view, featuring intuitive navigation and a download option, streamlining user workflow and improving productivity.

**Image Classification using CNN (Python, Tensorflow)**

February 2024 - May 2024

- Collaborated with a friend to design and implement a deep learning model for image classification across five categories using ResNet and InceptionV4 architectures.
- Achieved ~90% accuracy on the test dataset through iterative model optimization and hyperparameter tuning.
- Conducted 5 stages with performance evaluation and analysis to refine classification accuracy and model robustness.

**NextPage (Flutter, Firebase, Google Books API)**

February 2024 - March 2024

- Developed and deployed a book recommendation app, with features for searching, favoriting, and managing book collections using the Google Books API.
  - Integrated Firebase for real-time data synchronization, user authentication, and Firestore Database management.
  - Enhanced user experience with seamless navigation and efficient database querying for book management.
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## Activities

**Hack League**

November 2020 - December 2020

- Coordinated with friends to research homelessness and ways to solve the problem by developing a prototype app and website through the use of open-source data
- Awarded Best Technological Impact Award.

**Robotics Team (BotBall Competition) - KISS Institute for Practical Robots**

December 2019 - April 2020

- Collaborated with team members to create robots capable of navigating through an obstacle course, employing a combination of innovative strategies and technical solutions.
  - Contributed with designing and programming a robot using Legos, metal parts, servos, and C++ to carry objects, reach tricky positions, and perform tasks with precision and reliability.
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## TECHNICAL SKILLS

**Languages & Frameworks:** C++ | Python | Java | HTML | CSS | JavaScript | Flutter | Node.js | Express | React |

**Tools & Technologies:** | Git | Ubuntu | Linux | NumPy | Figma | MongoDB