

ADRIAN DYBACKI

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github.com/Adybacki

adybacki.github.io/portfolio

Education

BOSTON UNIVERSITY

BOSTON, MA

BA in Computer Science, Minor in Data Science, 3.77 GPA (4.0 Major GPA)

May 2026

- **Selected Coursework:** Data Structures, Discrete Math, Computational Probability, Linear Algebra, Computer Systems, Algorithms, Concepts of Programming Languages, Software Engineering, Data Mechanics
- **Study Abroad:** Summer 2023, London UK
- **Awards:** Dean's List (4/4 Semesters)

Experience

PLATFORM GOVERNANCE RESEARCH LAB - <https://truthmarket.com>

BOSTON, MA

Research Assistant - Software Engineer

September 2024 - Present

- Collaborating on a research project using market mechanisms to mitigate misinformation while preserving free speech
- Developing and implementing software features in game-based systems using React and Empirica within a Scrum-managed team, collecting data via randomized control trials and deploying web apps on Google Cloud Platform
- Utilizing Git for version control, conducting unit tests, and participating in the full software development life cycle from requirements gathering to deployment

OUTLIER AI

REMOTE

Software Engineer for AI Training Data

May 2024 - Present

- Evaluating AI model responses for ChatGPT, Google Gemini, and Meta LLaMA, selecting the most accurate outputs and providing detailed feedback to improve reinforcement learning
- Creating advanced coding prompts and ideal completions, enhancing problem-solving capabilities in LLMs
- Writing side-by-side justifications and maintaining high task quality, guiding model development and behavior

WHALLEY COMPUTER ASSOCIATES

SOUTHWICK, MA

Project Technician

August 2022 - January 2023

- Inspected, staged, and imaged computers for TJX companies, a major retail client, ensuring readiness for deployment in their stores while maintaining high-quality standards
- Streamlined workflows and optimized staging processes, achieving a consistent 30% increase in daily order completion rates, which significantly enhanced overall operational efficiency
- Collaborated with team members to resolve technical issues, enhancing overall productivity and customer satisfaction

Personal Projects

VIEWPREP - AI Interview Practice Assistant

November 2024

- Developed an AI-powered virtual interview practice platform using a Next.js frontend and Flask backend, providing dynamic and interactive interview preparation experiences
- Integrated OpenAI's Realtime API to generate customized interview questions and actionable feedback tailored to user needs and performance and utilized an SQLite database to store user sessions and practice data
- Designed an intuitive and responsive interface to ensure a seamless user experience, incorporating modern web development practices for accessibility and usability

MBTA STATION CLOCKS - <https://mbtastationclocks.onrender.com>

June 2024

- Developed a Flask-based web application, with a small user base, to display real-time MBTA train arrival and status information, replicating on-platform countdown clocks seen at many MBTA (Boston-area public transit) stations
- Implemented a station selection feature and integrated RESTful APIs to provide users with accurate train predictions, status updates, and destination information, utilizing SQL for efficient data management
- Built a responsive and intuitive interface using JavaScript, Python, HTML, and CSS, making the app easy to use, with clear navigation and a smooth user experience tailored to real-time data needs

Technical Skills

Languages: Java, Python, C, SQL, OCaml, x86 Assembly, JavaScript, HTML/CSS

Skills: React.js, Next.js, Typescript, SQL/NoSQL Databases, MongoDB, PostgreSQL, Numpy, Flask, Git, UNIX, TailwindCSS, Agile/Scrum, Docker, Node.js, GCP, Unit Testing, Critical Thinking, Strong Willingness to Learn, Teamwork/Collaboration