ADRIAN DYBACKI

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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   *September 2024 - Present*

- Collaborating on a research project using market mechanisms to mitigate misinformation while preserving free speech
- Developing game-based systems in React and Empirica to test interventions through randomized control trials
- Integrating features to analyze participant behavior and implement market-based algorithms for data analysis

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

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 real-time data 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

OCTORDLE - https://adybacki.github.io/octordle   **January 2024**

- Developed a React app inspired by Wordle, featuring a game where users guess strictly 8-letter words
- Integrated an API to fetch a random word for each page load, ensuring a unique challenge with every game session
- Designed an intuitive, engaging interface, providing a fun and seamless user experience for word puzzle enthusiasts

BU HUB PLANNER - https://adybacki.github.io/bu-hub-planner   **January 2024**

- Developed a user-friendly planner app aimed at assisting BU students in strategically selecting their HUB classes, a mandatory component of the undergraduate curriculum
- Acquired competency in HTML, JavaScript, and CSS, showcasing a proactive approach to skill development
- Revamped the UI using React and Tailwind, enhancing user experience and modernizing the app's design

Technical Skills

Languages: Java, Python, C, SQL, OCaml, x86 Assembly, JavaScript, HTML/CSS
Skills: React.js, Flask, Git, TailwindCSS, Agile/Scrum, Critical Thinking, Strong Willingness to Learn