

Justin Casler

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EXPERIENCE

Newly graduated Physics and Computer Science major. Seeking a challenging developer position where I can apply my problem-solving skills, software engineering experience, and mathematics background to build innovative, impactful applications and work alongside a passionate team.

EDUCATION

Wesleyan University, Middletown, CT

May 2024

Bachelor of Arts, GPA: 3.90

Awards: Summa Cum Laude, 5x Dean's List

Majors: Computer Science and Physics

Relevant Coursework: Software Engineering, Algorithms and Complexity, Artificial Intelligence, Computational Physics, Vectors and Matrices

SKILLS

Programming Languages: Python, JavaScript, SQL, C++

Libraries and Frameworks: GCP, React, Node, Vue, Django, AWS

Soft Skills: Communication, Innovative, Self-motivated, Problem Solving

WORK EXPERIENCE

Full Stack Software Engineer

May 2023 – Aug 2023

EnergySage

Boston, MA

- Spearheaded and implemented a project focused on streamlining the solar validation process by using machine learning to remove half of the required questions.
- Developed an innovative data flow pipeline that simplified integrations, enabling two successful partnerships on release.
- Executed 50% of the frontend enhancements in our site redesign to modernize the site and ensure a seamless user experience.

Full Stack Software Engineer

Jan 2022 – Oct 2023

Privacy Tech Lab

Middletown, CT

- Contributed to the full-stack development of a Google award-winning privacy product.
- Achieved over 95% accuracy in an NLP model by curating a dataset of 10,000+ examples, organizing and managing an annotation team and process, and optimizing hyper-parameters.
- Implemented new automated testing software, boosting overall code quality and achieving 98% unit test coverage.

PROJECTS

HiveMinds iOS App: Creator of social media app. Full stack development, UX/UI design, cloud database setup, and management.

CourtVision: Sports Forecasting through Neural Networks: Aggregated data to collect detailed statistics for over 12,000 games. Trained neural network to predict the outcomes of games accurately.

Crossword Web App: Created a fully functioning crossword web app that will be added to the Wesleyan Argus online newspaper.

EXTRACURRICULARS

- Clubs: CodeWes, Technical Interview Student Forum, Club Soccer, Boxing Club
- Hobbies: Hiking, Cooking, Running, Pickleball/Squash, Painting, Design