

Justin Casler

Email: justincasler@gmail.com

Phone: 617-981-2722

LinkedIn: [linkedin.com](https://www.linkedin.com)

Website: justincasler.com

Upcoming 2024 Computer Science and Physics graduate with a strong foundation in backend engineering and experience in object-oriented languages, database design, and data science. Quick to learn new technologies and excited to succeed as an intern software engineer.

Education

Wesleyan University

2020-2024

Bachelor of Arts, Overall GPA: 3.85/4.00, 4x Deans List Award Recipient

Middletown, CT

Related Coursework: Introduction to Python Artificial Intelligence Computer Science I Computer Science II Multivariable Calculus Vectors and Matrices Quantum Mechanics II

Work Experience

Privacy Tech Lab

Middletown, CT

Software Engineer

January 2022 to Present

> Wrote insightful, performant backend code for Google Research Scholar award-winning privacy product

> Successfully trained NLP model to over 90% accuracy on test data set by creating and annotating datasets and specifying hyperparameters to optimize learning

> Effectively debugged front and backend code quantified by high ratings in our usability study

Wesleyan University

Middletown, CT

Course Assistant

September 2021 to May 2022

> Assisted students in debugging code and forming methodologies to attack a variety of problems

> Aided teacher by grading 25+ programming assignments per week

> Held out-of-class help sessions to review concepts with ~20 students every week and received positive reviews at the end of semesters from students and instructor

Projects

Pacman AI

Backend Developer

September 2022 – Present

> Wrote search algorithms (BFS, DFS, UCS, A*) to create an AI agent that plays the game Pacman

> Optimally selected algorithms to solve specific problems

Wesleyan Argus Crossword Mini

Backend Developer

December 2021 – February 2022

> Responsible for backend development of the Wesleyan Argus crossword webapp

> Communicated with the Wesleyan Argus staff to fulfill their vision for the site

Skills

Programming Languages: Python Java JavaScript SQL C C++

Libraries & Frameworks: Node React jQuery TensorFlow PyTorch Pandas Hugging Face

Interests

Hiking, puzzles, cooking, and board games