



Lindsay Ward

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at Amherst College

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EDUCATION

Amherst College, Massachusetts — Bachelor's of Arts

Computer Science and Psychology EXPECTED: 5/2025

GPA: 3.387

Third year undergraduate computer science and psychology double major seeking work experience towards a socially conscious career in software engineering, web development, or artificial intelligence. Additional study and interest in math, design, economics, social justice, and sociology.

SKILLS

- Java, Python, HTML, CSS, JavaScript, R, SQL, and Markdown
- Git, Google, Microsoft Office, Notion, and quick to learn software
- Tidyverse, Dplyr, Shiny, Ggplot, Plotly, Leaflet, and Maps libraries
- Excels in advanced mathematics, statistics, accounting, and computer science courses throughout academic career
- Drawing on paper, Adobe Photoshop, Figma, Paint Tool Sai, Premiere, Camtasia Studio, and related programs
- User experience, user interface, and user research techniques
- Designing and optimizing algorithms, machine learning model development, and object-oriented programming
- Use of databases, data wrangling, data visualization and analysis
- Time management, project management, product management, and goal prioritization
- Highly organized, detail-oriented, fast-paced, and problem-solver
- Studied Japanese and French

PROJECTS

Pacman AI Agent Projects — Python, NumPy:

Developed Pacman and adversarial agents that learn from and react to their environment, integrating search algorithms like DFS, BFS, A*, improved strategy with Minimax, Expectimax, and Reinforcement Learning

Soccer Blog Website — R, RMD, HTML:

Interactive webpage with data visualizations and network analysis

Jewelry E-commerce Website — HTML, CSS, JavaScript, VSCode:

Including product photography and logo design

Real-Time Digital Clock — HTML, CSS, JavaScript, VSCode

COVID-19 Symptom Tracker — Java Program:

Created program that suggests COVID-19 testing depending on user symptom inputs for CS111 Final based on CDC data

Japanese Counting Flashcards — JavaScript App

Developed app for learning to count to ten with Japanese Kanji

WORK EXPERIENCE

IBM, Remote — IBM Accelerate

MAY 2023 - AUGUST 2023

- Researched and integrated UX, UI, UR concepts
- Networked and built community of 200+ students

Fizz Social, Remote — Moderator

FEBRUARY 2023 - JULY 2023

- Moderated student posts
- Facilitated conversations with inspirational posts

Amherst College, MA — Calculus 1 Grader

SEPTEMBER 2022 - DECEMBER 2022

- Graded math homework weekly
- Interacted with students to help
- Fast communication with professor

Food Bank of Hudson Valley, Cornwall, NY — Volunteer

OCTOBER 2020 - MAY 2021

- Organized donated food

Cornwall-on-Hudson, NY — Tutor

JANUARY 2019 - MAY 2021

AWARDS & CERTIFICATES

Enterprise Design Thinking Practitioner & Co-creator - IBM

English Academic Award

French Language Academic Award

NYS PHAA Scholar Athlete

Cornwall School District Scholar Athlete Award

Junior Olympic Qualifier

ACTIVITIES

Amherst College Track and Field, Council of Amherst College Student Athletes of Color member