Lindsay Ward

Software Developer, Computer Science Student at Amherst College

Phone: (845) 505-7820
Email: lindsayywardd@gmail.com
Github: github.com/lindsaywardd
Linkedin: linkedin.com/in/lindsay-ward-/

EDUCATION

Amherst College, Massachusetts —Bachelor's of Arts

Computer Science and Psychology EXPECTED: 5/2025

GPA: 3.387

Computer Science: Algorithms, AI, Data Structures, Programming Language Paradigms, Data Science, Systems, Intro to Computer Science

Psychology: Research Methods, Cognitive Neuroscience, Cognitive Psychology, Personality Psychology, Developmental Psychology

SKILLS

- JavaScript, HTML, CSS, React, Next.js, Tailwind CSS, Python, Java, R, SQL, Haskell, Prolog, Ruby, C#, and Markdown
- Clean, scalable, responsive, reusable, and detail-oriented code
- Figma, Adobe Photoshop, Drawing, Paint Tool Sai, Camtasia Studio
- Tidyverse, Dplyr, Shiny, Ggplot, Plotly, Leaflet, and Maps libraries
- User experience, user interface, and user research techniques
- Designing, testing, debugging, and optimizing algorithms, machine learning model development, and object-oriented programming
- Use of databases, data wrangling, data visualization and analysis
- Git, Google, Microsoft Office, Notion, and quick to learn software
- Time management, project management, product management, goal prioritization, excellent written and verbal communication
- Excels in advanced mathematics, statistics, accounting, and computer science courses throughout academic career

PROJECTS

Pacman AI Agent Projects — *Python, NumPy:*
Developed Pacman and adversarial agents using search algorithms (DFS, BFS, A*, Minimax, Expectimax) and Reinforcement Learning to navigate and adapt to dynamic environments

Hoo Bank Website Landing Page — *React, Tailwind CSS:*
Developed and deployed a fully responsive landing page utilizing modern web design and user-centered principles, creating an intuitive and engaging user experience

Jewelry E-commerce Website — *HTML, CSS, JavaScript, VsCode:*
Designed and built a visually engaging and responsive website to showcase jewelry products, emphasizing clean layout, intuitive navigation, and an aesthetic that enhances the user experience

Real-Time Digital Clock — *HTML, CSS, JavaScript, VsCode*:
Designed, coded, and deployed a real-time digital clock with a minimalist style, built for seamless integration into other projects

WORK EXPERIENCE

IBM, Remote — *IBM Accelerate Design*
MAY 2023 - AUGUST 2023

- Collaborated with design track team to research and integrate UX, UI, and UR software and product design concepts
- Built a community of 200+ students through active social networking
- Delivered an on-schedule presentation on web development best practices, showcasing key UI, UX, and UR techniques to optimize user engagement and accessibility

Fizz Social App, Remote — *Moderator*
FEBRUARY 2023 - JULY 2023

- Created inspirational content with 30+ posts/day to sustain user engagement
- Moderated student posts
- Promoted social networking

Amherst College, MA — *Calculus 1 Grader*
SEPTEMBER 2022 - DECEMBER 2022

- Graded 28+ calculus homeworks/week
- Assisted students with questions
- Communicated quickly 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

NYSPHAA Scholar Athlete

Cornwall School District Scholar Athlete

ACTIVITIES

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