

Tara Morin

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EDUCATION

University of Virginia

May 2025

B.A. in Computer Science and B.A. in Cognitive Science

GPA: 3.5

Relevant Coursework: Data Structures and Algorithms, Research Methods and Data Analysis, HCI in Software Development, Machine Learning, Software Development Essentials, Software Engineering, Programming Languages

UVA in Greece Creative Interaction Design Program, UX Researcher and Designer

May-June 2024

- Conducted requirements analysis by interviewing 50+ tourists to assess travel needs and challenges
- Prototyped an interactive historical learning application through 3 design iterations
- Selected for program along with 11 other students

TECHNICAL PROJECTS

ML4VA Machine Learning Competition

- Examined 40 attributes from 1800 Virginia public schools to analyze connections to standardized test scores
- Built a data pipeline using Python, Pandas, and Scikit-learn
- Fine-tuned K-means clustering, Random Forest regressor, gradient descent, and neural network models
- Earned 3rd out of 50+ teams due to models' success and clarity in an accompanying video presentation

StudyBuddy

- Created a web application for students and working professionals to log their tasks and time spent
- Designed a live task timer and collaborative leaderboard using JavaScript for real-time updates
- Developed backend routing using PHP controllers and integrated with SQL for persistent task tracking
- Styled UI components using Bootstrap Grid & LESS for a responsive web interface

Credit System

- Implemented a budgeting application designed to split costs for multiple people
- Developed a dynamic cost-sharing platform using Angular (TypeScript) and SQL-backed PHP API
- Integrated complex user query handling with SQL and enhanced frontend interactivity using TypeScript components

WORK EXPERIENCE

DataAnnotation, AI Trainer

May 2025- present

- Develops comprehensive test suites using Vitest within Docker development environments
- Evaluates AI-generated Python and JavaScript code against detailed quality rubrics
- Builds and Dockerizes codebases for integration into AI training workflows

The Players Company, UX Design Intern

August-December 2024

- Designed web interface of financial literacy program
- Conducted UX audit to evaluate the user experience in navigating landing page
- Conferenced with members of development team to sync design and development teams

University of Virginia, Teaching Assistant- Advanced Data Structures and Algorithms

January 2024- May 2025

- Assisted in debugging Java and Python code in order to pass automated tests
- Provided office hours for 4 hours weekly for class of over 400 students to seek assistance
- Supported students in writing clean, testable code and understanding edge cases in algorithms

Wattbuild, User Research/ Software Design Intern

June-August 2024

- Researched product domain and reported on competing social media in the solar power space
- Created and maintained database on the most common wattages of 30 household appliances
- Designed community forum for solar power users to share their solar systems and troubleshoot issues

SKILLS

Languages: Java, Python, R, C, JavaScript, TypeScript, HTML, CSS, SQL, PHP

Frameworks & Tech: Django, Angular, Heroku, Git, Docker, Microsoft Office, Canva, Figma, Framer, OnceUI, Audacity, Reaper