

## 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 to validate AI performance
- Evaluates AI-generated Python and JavaScript code against detailed quality rubrics, ensuring adherence to best practice
- 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