# Evelyn Xiao

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## EDUCATION

**Northeastern University — Boston, MA**                                        Sep. 2022 – May 2026
*Candidate for Bachelor of Science in Computer Science*                                 *GPA: 3.2*

**Coursework**    Object-Oriented Design, Algorithms and Data, Introduction to Cybersecurity, Computer Systems, Mobile App Development, Web Development, Artificial Intelligence, Theory of Computation

## TECHNICAL SKILLS

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| **Programming Languages** | Java, Swift, HTML/CSS, JavaScript, Python |
| **Frameworks** | UIKit, Angular, Astro, React, Node.js, Bootstrap |
| **Tools & Platforms** | Firebase, Git, XCode, VSCode, Amazon Web Services, MongoDB |

## PROJECTS

**AI Typing Test** | *Python*                                                    Dec. 2024 – Dec. 2024
- Developed a GUI for typing tests, integrating tracking for words per minute, error rates, and inter-key intervals.
- Leveraged Markov Decision Models to predict the likelihood of users correctly typing the next letter based on their typing patterns.
- Implemented a Naive Bayes classifier to predict incorrectly typed words and curate personalized typing tests, enhancing user accuracy and speed over time.

**Split** | *Figma, Swift, Firebase, UIKit, XCode*                              Oct. 2024 – Dec. 2024
- Developed an iOS app to help groups of food travelers track split bills for purchased meals.
- Designed the user interface with Figma to create a clear idea of how the user will interact with the app.
- Integrated Firebase to handle real-time database synchronization, allowing users to update and retrieve group expenses instantly across devices.
- Implemented Firebase Authentication for secure login and user management.

**AWS Instance Scheduler** | *HTML/CSS, Javascript, Typescript, Angular, AWS*     Jun. 2024 – Aug. 2024
- Developed an Angular web application using AWS SDK to automate instance scheduling to reduce cloud operational costs for 250+ accounts.
- Implemented a hub and spoke model to manage instance startup and shutdown times across spoke accounts from a central hub account that integrated a DynamoDB table to store and manage schedule data.
- Automated deployment and configuration using AWS CloudFormation templates with Terraform IaC pipeline, streamlining resource management across multiple accounts.
- Utilized GitLab for version control and collaborative development.

**Personal Website** | *HTML/CSS, Javascript, Astro, Figma*                        Dec. 2023 – Present
- Prototyped a personal website portfolio using Figma and constructed the website's base using HTML/CSS/JS.
- Implemented the Astro framework to reduce Javascript overhead and create a faster-loading website containing frequently updated projects and other related content.
- Figma prototype: https://www.figma.com/PersonalWebsite
- https://evelynxiao.netlify.app/

## EXPERIENCE

**Quest Diagnostics Incorporated**                                               Jun. 2024 – Aug. 2024
*DevSecOps Intern*                                                                       *Secaucus, NJ*
- Developed a web application for automating AWS instance scheduling, reducing cloud operational costs.
- Enhanced presentation skills by using clear language and realistic data to convey the project's impact effectively for the capstone presentation to the leadership team.
- Gained insight on DevSecOps practices, including Infrastructure as Code (IaC) with Terraform and container orchestration with Kubernetes.
- Networked with different areas of the company such as Security, Logistics, and the design team, and became comfortable with working in a large organization.

## ADDITIONAL INFORMATION

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| **Awards** | Dean's List |
| **Interests** | Snowboarding, PC gaming, Notion, photography, videography, weightlifting, traveling |