

# Amber Xiao

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🌐 github.com/embrexin

## Education

2023 - 2027	<b>University of Pennsylvania</b> BSE in Computer Science
2019 - 2022	<b>Westwood High School</b> Graduated early with 4.0/4.0 GPA

## Skills

### Languages

Java, JavaScript, HTML/CSS, C, C++, Swift

### Tools

VS Code, Visual Studio, XCode

### Design

Adobe CC  
(Illustrator, InDesign, Photoshop, Premiere Pro)

## Courses

### CIS 1200

Programming Languages and Techniques

### CIS 1210

Data Structures and Algorithms

### CIS 1600

Mathematical Foundations of Computer Science

### CIS 2400

Introduction to Computer Systems

### CIS 1951

iOS Programming

## Awards

### Adobe Digital Edge Awards Winner

Spotlight Award

- Won the Spotlight Award for creating PetSteps, a mobile fitness app designed to encourage exercise via a vibrant and engaging mobile game.

## Clubs and Organizations

### UPGRADE

- Developer and artist for UPGRADE, the game development club at the University of Pennsylvania

### Pencilbite Studio

- Character artist for Pencilbite Studio, the student-run animation studio at the University of Pennsylvania

## Personal Projects

### PetSteps

- Developed in Swift using XCode as the final project for iOS Programming course.
- Created a fitness game aimed at encouraging users to exercise while having fun, targeting a wide age range.

### MineSweeper

- Designed and implemented a version of the classic Minesweeper game using Java.

### Personal Portfolio Websites

- Developed two personal websites to showcase Computer Science and Illustration work.
- Built from scratch using HTML, CSS, and JavaScript.

### Art of the Web

- Designed a series of websites using HTML/CSS/Javascript in an exploration of art on the web

## Work Experience

### Tous Les Jours Bakery and Cafe

Barista (Sept 2022 – Sept 2023)

- Delivered high-quality customer service in a fast-paced environment while managing daily operations.
- Prepared specialty drinks and pastries, ensuring adherence to company standards.
- Handled cash register operations and processed transactions efficiently.
- Contributed to a positive work environment and collaborated with a diverse team.

### VEX Robotics Summer Camp

Coach (Summer 2021)

- Guided and mentored students in designing, building, and programming robots using VEX components.
- Led hands-on workshops to foster problem-solving and teamwork skills in participants.
- Assisted in organizing robotics challenges and provided feedback to enhance student learning.
- Contributed to a positive work environment and collaborated with a diverse team.