

Vivian Gu

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EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY

Atlanta, GA

*Candidate for Bachelor of Science in Computational Media
and Minor in Mathematics, GPA: 3.93/4.00*

Expected Graduation: May 2026

- Relevant coursework: Computer Graphics, Object-Oriented Programming, Objects and Design, Data Structures & Algorithms, Computer Organization, Linear Algebra

PROJECTS

Restaurant Reservation System

2024

- Full stack Java web page that includes the ability to add customers, owners, and restaurants
- Allows for easy creation of reservations, accumulating of loyalty points, and tracking of restaurant capacity
- Front-end built with Javalin, Pebble, and Bootstrap for visual clarity and user input

Personal Portfolio Website

2024

- Used vanilla HTML, CSS, and Javascript to display projects and art portfolio
- Implemented sliding galleries and pop-ups, complete with custom pixel art

VGDev Club (Hammurabi, Altarune, Back to Basics)

2023-Present

- Programmed in Unity to contribute to programming and VFX of projects
- Created pixel art sprites, tilesets, and assets for the club using Aseprite
- Created concept art for modeling and animation in Blender

EXPERIENCE

Math Magicians Branch of StudySmart Youth Services / Founder and President

Irvine, CA

- Founded and taught free online competitive math classes while managing a team of tutors
- Designed engaging flyers and an user friendly website to increase class sizes by 6x

2019-2023

Cloudy Co & Soma Tea and Mocktail / Barista and Cashier

Irvine, CA

- Conversed with customers, took orders, and made drinks in a timely manner

2022-2023

SKILLS

Art

- Digital art, concept art, and photo editing using Photoshop and Illustrator
- 3D modeling and animation in Autodesk Maya and Blender

Programming

- Java, C, C#, OpenGL, GLSL, HTML, CSS

Languages

- English (Fluent), Mandarin (Conversational)

AWARDS

Math

2016-2023

- Winner of Maryam Mirzakhani AMC 10 Award: Top 5 Female Students in Southern California / Nevada Section of the MAA (2020)
- Participant of The Math Prize for Girls at MIT: 300 chosen per year based on AMC 10/12 score

ADDITIONAL ACTIVITIES + INTERESTS

- VGDev PR Team, TFT Club Staff, Berlin Study Abroad, K-pop dance, Crochet, Cooking