

Tate Parmar Osborne

+1 603-818-0710 | tate14@proton.me | [linkedin.com/in/tate-osborne](https://www.linkedin.com/in/tate-osborne) | github.com/tateosborne | tateosborne.com

EDUCATION

Georgia Institute of Technology

Master's of Science in Computer Science

Remote

(Beginning) Aug. 2024

University of Vermont

Bachelor of Science in Computer Science, Minor in Art Studio

Burlington, VT

Aug. 2019 - May 2023

- Computer Science GPA: 3.60 (out of 4.0)
- Dean's List (top 20% of class) in two semesters, with GPAs of 3.82 and 4.0
- Art Studio minor GPA: 4.0, overall GPA: 3.50

PROJECTS

Quizlet Competition, Snake | *React, TypeScript, Next.js, SCSS, Git*

May 2023 - June 2023

- Secured third place in national Quizlet competition with 100+ applicants, demonstrating adherence to guidelines
- Co-developed a creative Snake game variant with two team members, excelling in full-stack development
- Completed the project within a two-month timeline, showcasing enthusiasm and strong time-management skills

UVM Maps | *Swift, SwiftUI, Google FireBase, Xcode, Apple MapKit, Git, Jira*

Oct. 2022 - Nov. 2022

- Collaborated with four members to develop an iOS app for class route planning for students at UVM
- Exercised iterative programming and managed project tasks and lifecycle using Jira
- Contributed to full stack development, including backend logic, frontend graphics, and appearance

Evolutionary Robotics | *Python, PyBullet, NumPy, Matplotlib, Git*

Jan 2023 - May 2023

- Created an evolutionary robotics project in Python using libraries such as PyBullet, Numpy, and matplotlib
- Developed modular components such as a neural network-based brain and sensor-equipped limbs
- Employed iterative programming to continuously enhance functionality towards project goals
- Designed a fitness evaluation mechanism to evolve the robot for optimal task performance

COVID-19 CLI Interface | *Python, SQL, CLI, Git*

Feb. 2022

- Implemented the backend for a program focused on COVID-19 statistics in the USA
- Applied agile software development principles to effectively manage the project's lifecycle
- Practiced paired programming with three teammates, ensuring consistent communication and collaboration
- Utilized Python in conjunction with SQLite

EXPERIENCE

Software Engineer Teacher Assistant

University of Vermont

Sep. 2022 - May 2023

Burlington, VT

- Assess weekly Python assignments and large group projects for 60+ students, guaranteeing alignment with requirements, code quality, clarity, and delivering detailed feedback

Line Cook

Las Olas Taqueria

June 2021 - Present

Exeter, NH

- Demonstrating teamwork and multitasking skills whilst providing high quality food in a bustling environment, serving thousands of customers and catering orders each day.

TECHNICAL SKILLS

Languages: Python, Java, SQL, C, C++, HTML, CSS/SCSS, Swift

Frameworks: React, Node.js, SwiftUI, Flask

Developer Tools: Git, GitHub, VS Code, CLI (MacOS/Linux), Jira, Docker

Libraries: pandas, NumPy, Matplotlib, PyBullet, PyGame