Matty Doe

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# Education

**College University** June 2026

*B.S. Computer Science Current GPA: 4.0/4.0*

**Little High School (Dual Enrollment at Mission Community College)** June 2022

*GPA: 4.44/4.0*

# Coursework

## **Courses:** Object-Oriented Programming, Data Structures & Algorithms, Embedded Systems, Discrete Math, Linear Algebra, Calculus, Physics, Probability & Statistics

**Awards:** Dean’s Honor List (3x), AP Scholar with Distinction (2x), World Language History Award (Spanish)

# Skills

**Languages**: C/C++, Python, Java, JavaScript/TypeScript, HTML/CSS, LATEX

**Tools**: Git/GitHub, Unix Shell, Webpack, VS Code, IntelliJ CLion/PyCharm/IDEA, Atom

# Projects

**Carbon** *| Flutter, Dart, Supabase, APIs (INRIX, Google Maps), Git, Unix Shell, VS Code* Nov. 2023

* Team project for the INRIX Hack 2023 Hackathon, earned Honorable Mention
* Developed a social media mobile app to gamify eco-friendliness using the INRIX API
* Learned how to use Flutter in conjunction with backend databases and APIs

**ChatBuzz** *| TypeScript, HTML/CSS, Webpack, API (Twitch), Git, Unix Shell, VS Code* May 2023 – Present

* Developed a full-stack web application for Twitch livestreamers to display repeated chat messages on OBS
* Experimented with Twitch API’s OAuth Access Tokens to get chat data from the given channel
* Collaborated with livestreamers to get feedback and suggested features
* Solved problems relating to asynchronous tasks

**FoodDropper** *| Java, Maven, API (Spigot), Git, IntelliJ IDEA* Aug. 2022

* Developed a Minecraft server plugin to limit players to one way of replenishing their hunger bar
* Used persistent data containers to save and load data, ensuring that it persists across plugin resets
* Optimized UX e.g. sound design, food drop timing, supplied saturation level, and addressed potential workarounds

# Experience

**Competitive Programming Club** *| Member* Sept. 2023 – Present

Involved in the club centered around Competitive Programming

**Apex Tutoring** *| Tutor* 2019 – Present

Routinely tutor K–12 students in math, coding, etc.

**Luigi Team Charity** *| Volunteer, Manager* 2018 – Present

Earned an award for philanthropic hours spent, still giving away 100 stocked backpacks a year

# Hobbies

**Playing the Drums** 2013 – 2019

Played the drums in symphonic, jazz, and marching bands

**3rd Place Time Keeping Challenge Championship (Time Keeping Assocation)** Feb. 2022 – May 2022 Won $1500 nationally competing against high school students in counting seconds and minutes