

# Thomas Coffey

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## EDUCATION

### SUNY New Paltz

*Bachelor of Science in Computer Science*

GPA: 3.73

New Paltz, NY

*Aug. 2020 – (Expected Dec 2023)*

### SUNY Dutchess

*Associate's in Liberal Arts*

Poughkeepsie, NY

*Aug. 2009 – May 2012*

## PROJECTS

### Fitness Tracker | *Vue, MongoDB, Node Js, Express, Typescript, HTML/CSS*

January 2023 – May 2023

- Utilizes the homepage of the app to display the customers workout statistics such as total weight lifted and number of personal records.
- Inputs users cardio or powerlifting workouts in the exercise tab, users are alerted if a personal record is achieved through a notification system.
- Generates easily readable modular line graphs, based on user-generated data, to visually display overall exercise growth over time.
- Encourages healthy competition between users by enabling them to compare their best lifts to friends using the app.

### Exercise Generator | *Vue, Node Js, Express Js, MongoDB, Typescript, HTML/CSS*

January 2023 – April 2023

- Led group of 5 in development of the application using agile methodologies
- Conducted field research on available gym equipment at SUNY New Paltz to determine how students can utilize equipment to workout desired muscle group.
- Created an app that generates daily workout routines for students based on the equipment available at the gym to provide users with quick and easily accessible routines.
- Users can adjust workout difficulty to align with their skill level, providing them with the necessary sets, reps, and weights to maintain their fitness goals.

## EXPERIENCE

### Freelance Web Developer

*Tony's Newburgh Lunch*

May. 2023 – Present

*Newburgh, NY*

- \* Building a user-friendly website to improve customer traffic
- \* Implementing a new feature on the website where customers can order and pay for their food online while orders are processed and printed to the store's POS system to improve efficiency.

### Supplemental Instructional Leader

*SUNY New Paltz*

January 2023 – May 2023

*New Paltz, NY*

- \* Developed and implemented 20+ lessons that aligned with the curriculum for the course in Computer Science of Data Structures
- \* Assisted 15+ students with debugging and programming
- \* Organized review sessions twice a week to provide additional support in the course material

## ACADEMIC EXTRACURRICULAR ACTIVITIES

### SUNY New Paltz CS Club | *Secretary*

August 2020 – Present

### SUNY New Paltz Eleet Coders | *Member*

January 2023 – Present

## TECHNICAL SKILLS

**Languages:** Java, Python, C, JavaScript, HTML/CSS, Typescript, Assembly

**Frameworks:** Node Js, Vue Js, Express Js, Bulma, React, Bootstrap

**Developer Tools:** Git, GitHub, Docker, VS Code, Visual Studio, IntelliJ, Eclipse, Postman, Render