

Anthony Tesoriero

Computer Science Student and Prospective Software Engineer, interested in Machine Learning
anttesoriero@gmail.com | (201) 669-1666 | AntTes.com | GitHub.com/anttesoriero

Education

Bachelor of Science in Computer Science

September 2017 - May 2021

Artificial Intelligence Concentration & Minor in Mathematics

Rowan University, Glassboro, NJ

Technical Skills

- **Proficient:** Java, Python
- **Languages:** React, C, HTML, Git, MySQL, Typescript
- **IDE:** Eclipse, PyCharm, VSCode, JetBrains
- **OS:** MacOS, Windows, Unix

Relevant Experience

Robotics Researcher

January 2019 - Present

Department of Computer Science, Rowan University, Glassboro, NJ

- Enhancing use of LEGO EV3 Robots by finding new ways to use infrared sensors and a PixyCam for basic object tracking, and enhancing object detection
- Use sensors with systems such as OpenCV to create better student learning experience
- Began creating system to convert visual based LEGO Scratch code into LEGO MicroPython to make lower level learning easier

CS Learning Assistant

January 2019 - September 2020

Department of Computer Science, Rowan University, Glassboro, NJ

- Work closely with computer science students to assist in java and python programming assignments, and basic object oriented programming
- Help students understand project goals, while developing deeper programming skill
- Analyze and help debug code written by students, while providing feedback to promote deeper independent programming skills, and group collaboration

Robotics Assistant

September 2018 - January 2019

Department of Computer Science, Rowan University, Glassboro, NJ

- Build, sort, and organize dozens of LEGO robots and hundreds of parts
- Create a new, better structured organization style for future departmental additions
- Work with teammate to create a database to track robot information, part amounts, and keep equipment properly organized and easily accessible

Projects

OddJobs - Frontend Team

September - December 2020

Software Engineering, Rowan University, Glassboro NJ

<http://anttes.com/oddjobs>

- Web app built by a team of seven using ReactJS, HTML, CSS, TypeScript on the frontend, and Python, Flask, MySQL, AWS EC2 on the backend
- Connects people who need help with tasks to people who are interested in earning cash
- Uses daily surveys to learn the user and collect useful data, to recommend tasks to list/complete based on their interests
- Users can securely use a map to find relevant jobs near them, and filter based on criteria

Mitigation's Repository - Agile Product Owner

January - May 2020

Software Engineering, Rowan University, Glassboro NJ

<https://git.io/JUd9b>

- Worked with team of six to create a working repository to identify and track threats and risks from user input of security controls
- After threats are calculated, they are forked from the mitigation, and able to be seen by users on the website, similar to a GitHub for mitigations
- Uses front-end design with AJAX, HTML, and CSS, and back-end using SQL and ubuntu on an Amazon Web Server