Anthony Tesoriero

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Education

Bachelor of Science in Computer Science   **September 2017 - May 2021**
Artificial Intelligence Concentration & Minor in Mathematics
Rowan University, Glassboro, NJ

Experience

Specialist   **August 2021 - Present**
Apple, Woodcliff Lake, NJ

- Greeted and probed customers to clearly analyze their situation, while using extensive product knowledge and problem solving skills to find the optimal solution for their needs
- Connected with and coached teammates to help them exceed expectations, while properly communicating positive and negative feedback to reinforce learning
- Ensured technology and merchandising standards were met with high attention to detail, giving the customer a high quality experience while increasing team efficiency

Robotics Researcher   **September 2018 - May 2021**
Department of Computer Science, Rowan University, Glassboro, NJ

- Increased efficiency of LEGO EV3 Robots with Python by finding new ways to use infrared sensors and a PixyCam for basic object tracking, and enhancing object detection
- Used sensors with systems such as OpenCV to create better student learning experience
- Began creating automated system to convert visual based LEGO Scratch code into LEGO MicroPython to make lower level learning and debugging simpler
- Worked with teammate to sort hundreds of parts efficiently, and create database to track necessary part data and information

Computer Science Learning Assistant   **January 2019 - September 2020**
Department of Computer Science, Rowan University, Glassboro, NJ

- Worked closely with dozens of computer science students to assist in Java and Python programming assignments, and basic object oriented programming
- Helped students understand project goals, while developing deeper problem solving skills
- Analyzed and helped debug code written by students, while providing feedback to promote deeper independent programming skills, and group collaboration

Projects

OddJobs - Frontend Developer and Designer   **September - December 2020**
Senior Project, Rowan University, Glassboro NJ   anttes.com/oddjobs

- Web app built by a team of seven using React, HTML, CSS, and TypeScript on the frontend, and Python, Flask, MySQL, and AWS EC2 on the backend
- Created initial mockup designs to increase production efficiency later
- Developed React frontend using multiple APIs and components, such as Google OAuth for user authentication, and react-leaflet for location services
- Connects people who need help with tasks to people who are interested in earning cash by allowing users to securely find relevant jobs near them, and filter based on criteria
- Collects survey data to learn and recommend tasks to list/complete based on interests

Mitigation's Repository - Agile Product Owner   **January - May 2020**
Software Engineering, Rowan University, Glassboro NJ   anttes.com/mitigations

- Communicated, as Product Owner, with client from Lockheed Martin through email and bi-weekly sprint review to effectively present our team goals and achievements
- Worked with team of six to create a repository that identifies threats and risks from user input security controls; threats are then tracked and forked from the mitigation, similar to GitHub
- Frontend design with AJAX, HTML, and CSS, and backend with SQL and ubuntu on AWS

Skills

Java, Python, React, HTML, CSS/Sass, Typescript/JavaScript, GitHub/Git, MySQL, NoSQL, MongoDB, Agile, VSCode, Eclipse, PyCharm, JetBrains, MacOS, Windows, Unix