Manuel Gutierrez

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Education

St. Thomas Aquinas College   Sparkill, NY
Bachelors in Computer Science   GPA: 3.46

Honors & Awards

Kappa Mu Epsilon, St. Thomas Aquinas College	January 2020 - Present
Academic Scholarship, St. Thomas Aquinas College	September 2018 - May 2021
Dean's List, St. Thomas Aquinas College	January 2020 - May 2021
Dean's Grant, St. Thomas Aquinas College	May 2019 - May 2020

Skills

Languages: Go, Java, Python
Tools: Kubernetes, Docker, Git, Tensorflow, Numpy, Selenium, JSoup
Software Development: TDD, Agile(Scrum), Cloud (DigitalOcean)

Open Source Work Experience

Kubernetes   June 2021 - Present
- Refactored wait_test within the test/e2e/framework/node package: PR [#103219](#)
- Refactored e2e_tests within the test/e2e package: PR [#103222](#)
- Refactored various files within the test/e2e package: PR [#103269](#)
- Implemented capability checks for restricted level pods: PR: [#103469](#)

School Projects

Emotion Based Music Creator   **Python, OpenCV, Tensorflow, Spotify API**
- Led a team of 3 to develop a program which utilizes OpenCV and AI trained models to analyze a user's perceived emotion and curate a playlist through Spotify's API based on such emotion.
- Developed a machine learning model for emotion recognition with 60% accuracy for curating spotify playlists for a given user. This was an increase in accuracy of 30% when compared to previous models.

Automated Recruiter WebScraper   **Java, JSoup, Selenium**
- Built a web scraper that takes an Indeed URL and presents a table of job listing data and the recruiter's LinkedIn page.
- Automated the process of connecting with recruiters which leads to a 27% increase in application success.

88 Rising Artist Website   **MySQL, CSS, HTML, PHP, Javascript/Bootstrap**
- Designed and developed a website for an artist which featured upcoming tours, recent music through Spotify's web API, newsletters and information on the artist.
- Implemented MySQL to intake users' emails to be notified of upcoming tours or music releases.

Baseball Roster Analyzer   **Java**
- Created a program which took input as a text based roster of baseball team metrics and organized such metrics into individual classes for given positions of players on the team.
- Allowed for analysis of metrics for organizational or research purposes by the team coach or analyzer.