# COLE TISTAN

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## Education

**Rowan University**
Master of Science in Computer Science (GPA: 3.7)                                    09/2021 - 5/2025

**Rowan University**
Bachelor of Science in Computer Science (GPA: 3.2)                                    09/2017 - 05/11/2021

## Relevant Courses

Advanced Design and Analysis of Algorithms

Advanced Database Systems: Theory and Programming

Programming Languages: Theory, Implementation and Application

Advanced Topics in Database Systems

## Professional Experience

**M-Tac Trucking Compliance LLC**                                    Monroeville, NJ
Full Stack Developer - Contractor                                    09/2023 - Present

- Refactor current website with dynamic routing using Bootstrap 5, JavaScript and the eJS template engine.
- Integrate authentication system to allow employees to log in and gain access to internal business services with JWT authentication.
- Developed internal business services to allow employees to add, update and remove trucking logistic services for consumers to stay informed on current news related to logistics using MongoDB, ExpressJS and NodeJS.
- Prior to the web application upgrades, M-Tac averaged 68 visits per month. Following the deployment of the upgrades added to the web application, the company is averaging 285 hits per month.

**Greenphire**                                    King of Prussia, PA
Technical Analyst                                    05/2021 - 09/2023

- Work cross-functionally supporting tickets and hands on coding using Python, Django, Angular 8, JIRA, Confluence, GitHub, Jenkins and Docker in a Linux / Ubuntu environment.
- Collaborate with Operations/Support teams to understand and complete production support (Tier 2 and 3) tickets.
- Write, execute, and test custom scripts to support customer implementations of Greenphire applications.
- Identify and address defects and enhancements in Greenphire applications.
- Create services for internal business users (Soft Serve) with Python, Django, and Angular 8.
- Assist in training new hires and team members in processes and procedures.
- Access production environment to make rapid updates.
- Maintain applications which contain Health Care data that fall under HIPAA Protected Health Information (PHI).
- Analyze / review logs in Kibana to search for activity of given entities such as users, participants and more.
- Built a utility script in Python to generate monthly reports on major discrepancies between the primary currency used by a clinic detail site and the invoicing currency used under a site's contract.
- Received Phirestarter award for problem solving and mentorship of team members on IT team.

**M-Tac Trucking Compliance LLC**                                    Monroeville, NJ
Web Developer - Contractor                                    08/2020 - 05/2021

- Develop and Maintain UI/UX for company website using HTML, CSS, JavaScript and Bootstrap 5.
- Worked closely with clients and manager to address reported defects and adding new user interface features to the website.

## Projects

**M-Tac Trucking Compliance Web Application Enhancement**                                    Location
05/2024

Creating / building an online digital onboarding platform for DOT (Department of Transportation) regulated motor carriers for compliance.

- Implement multi-step form to allow uploads of digital applications, electronic release forms, document capabilities to meet compliance requirements with driver's qualification files to comply with the Federal Motor Carrier Safety Administration.

# Projects

## Interactive Rating Card Component

A small front end web component that takes in a rating selected by a user and to display a confirmation message.
- Stores rating selected by user using JavaScript and manipulates HTML document objects on submission.
- Hosted front end component using Netlify.

# Skills

Languages: · JavaScript · Python · HTML · CSS · SQL · Java

Tools / Frameworks:  · NodeJS · ExpressJS · Sass · Mongoose · Django · Confluence · Jira  · Postgresql · eJS  · Render · Netlify · Bootstrap 5 · MongoDB · Angular

Soft skills: · Problem Solving · Collaboration · Teamwork · Communication · Adaptability · Time management · REST API · User Authentication