

# ERIK MAYES

emayes528@gmail.com • 321-301-3169 • <https://emayes505.github.io/PortfolioWebsite.io/> • Vero Beach, FL

## EXPERIENCE

---

- Applied CIS server guides and remediation processes to improve server security and compliance.
- Applied behavioral analytics to network and device traffic to identify anomalies, mitigate cybersecurity threats, and support threat hunting while ensuring regulatory compliance.
- Developed secure, multi-threaded server-side applications using Java, PHP, and JDBC/MySQL.

Technologies- Linux, CIS Benchmark/Security Guides, Wireshark, Splunk, Crowdstrike, Nessus, Nmap

- Explored AI methods including knowledge-based systems, inference, planning, and natural language processing.

Technologies - Python, TensorFlow, Numpy, Pandas, Matplotlib, Seaborn, Overleaf, LaTeX.

### CVS Pharmacy Retail Store Manager

2018 — 2022

- Led, trained, and successfully developed store teams totaling over 100+ employees across multiple locations, resulting in improved customer satisfaction and stronger overall performance.
- Mentored and championed colleagues to build skills and confidence, which led to the promotion of three direct reports to store manager roles, and many others to higher leadership positions.
- Ensured compliance with ADA regulations and company standards while driving performance in customer service, sales, margin, and employee training to meet key metric goals.

### CVS Pharmacy Store Manager in Training

2016 — 2018

### CVS Pharmacy Shift Supervisor

2012 — 2016

## EDUCATION

---

### University of Central Florida, Computer Science, Bachelors of Engineering

2024 — Current

- GPA 3.5
- Relevant Coursework: Security in Computing, Cyber Defense Analysis, Enterprise Computing, Data Structures & Algorithms, Algorithms for Machine Learning, and Artificial Intelligence.

### Indian River State College, Associates and Arts Degree

2023

## CURRENT PROJECTS

---

### Bank Customer Churn | Machine Learning Model

- Built a Machine Learning Model. Performed data cleaning, and transformation.
- Utilized python libraries including Scikitlearn, TensorFlow and Seaborn to build, train and visualize model performance and evaluate customer behavior.
- Improved churn prediction accuracy by applying logistic regression.

### Inventory Management GUI System

- Designed product search GUI using Java, MySQL Workbench, and Apache Tomcat.
- Developed multi-tier and cloud-based distributed web applications for client-server architecture.

### PL/O Compiler and Virtual Machine

- Lexical and Syntax Analysis. Parsing and tokenizing text, and building parse trees.
- Reinforcing how high-level code is interpreted and transformed into machine level code

## SKILLS

---

- Code: Java, C, Python, HTML, CSS, JavaScript, Node.js
- Tools: SQL, Linux, Git, Google Colab, Excel, LaTeX, Overleaf

## ACHIEVEMENTS

---

### HONORS/AWARDS CVS Pharmacy Paragon Winner

2018

- Recognized for outstanding performance, leading the top-performing store among 15 locations in sales, customer service, and operational efficiency metrics.