Austin L. John

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EDUCATION

Texas A&M University – College of Engineering   **College Station, TX**
Bachelor of Science in Technology Management, Minor in Business Administration   May 2024

CompTIA Security+ Certification: *Verification ID - ZYQZ2EP61FQQ1R5L*
ITIL 4 Foundations Certification: *PeopleCert Certificate ID - GR671506197AJ*

<u>**Cloud/ DB:**</u> AWS EC2, Azure, Azure ADF, SQL, Access, MariaDB, MongoDB, Redis
<u>**Languages:**</u> Python, Linux, PowerShell Scripting, R Programming, C++, HTML/CSS, MATLAB
<u>**PM/BI Tools:**</u> Excel VBA, SharePoint, Power BI, Tableau, Jira, ServiceNow, Agile/Scaled Agile, Qlik, Qualys

WORK EXPERIENCE

BNY Mellon | Pershing   **Jersey City, NJ**
Pershing Engineering – Technology Analyst, On-Site Contractor   May 2023 – Dec 2023

Enterprise EOL SW Remediation: Remediation project for all End-of-Life SW apps without extending vendor SLAs
- Created quantitative KPIs by compiling 100+ excel reports and performing delta analyses on L3 managers metrics
- Visualized data by creating a **Power BI** dashboard featuring all project information, metrics, & KPIs
- Automated report generation by developing macros with **Excel VBA**, creating pivot tables and formatting raw exports
- Constructed Ad-Hoc reports and revised process documentation on **Confluence** pages within the project space

Advisor / RR Identifier Expansion: Enterprise project to increase identifier capacity from 3-characters to 9-characters
- Facilitated project by managing **JIRA** tickets & **ServiceNow** Change RFCs for User Acceptance testing
- Contributed to a multi-release tracker by recording **PQA** data and generating **GRC** reports for oversight council

Rolls-Royce plc   **Derby, UK**
Rolls-Royce Aero R&D - FACT/HST Intern, On-Site   2017, 2018

(2018) Worked with the Future Aircraft Concepts Team (FACT) on the Electric Vertical Takeoff & Lift program
- Constructed a report on the internal approach to UberElevate, consisting of market research & eVTOL prototypes
- Reported on drone prototypes (Boeing Go-Fly Comp.), & internal eVTOL prototype development at weekly meetings

(2017) Collaborated with the Horizon Scanning Team (HST) to research and report on the reusable space rocket industry

PROJECTS & RESEARCH

Texas A&M University - Urban Resilience.AI Lab Research   **College Station, TX**
Disaster Informatic Solutions: Integrating Human & Machine Intelligence for Resilient Infrastructure & Smart Emergency
- Engineered scripts to call and fetch images of residential addresses from Google Maps API to identify critical danger zones in the Greater Houston Area, utilizing an AI program to determine the elevation of the base of residence
<u>Technology:</u> **Python, Google APIs, AI**

Cisco VoIP Phone Service Upgrade - Senior Capstone Project   **College Station, TX**
Collaborated with Technology Services to upgrade over 80,000 hardwired phone lines to a new Cisco VoIP system
- Improved phase II implementation by incorporating **ITIL** frameworks and **Agile** practices for asset replacement

Elegant Cuts Barbershop – Website   **College Station, TX**
- Developed and deployed a website to display services offered, book appointments, and process customer payments
<u>Technology:</u> **HTML/CSS, WordPress, Square/Stripe Payment Gateway, Google Analytics, BookingPress**

Other Technology Projects
- Developed a personal portfolio website by developing code in **HTML**, **Java**, and **Python,** using a **Hugo** framework
- Built a REST API by developing code with a **Flask** framework, tested with **Postman**, and containerized with **Docker**