

Joshua U. Cancio

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Portfolio: github.com/J-Souffle | [Coding Portfolio](#) | [Adobe Portfolio](#)

Education

George Mason University | Bachelor of Science, Applied Computer Science | Aug 2023 - Jun 2027

Honors: Dean's List (Fall 2023, Spring 2024), \$700 CyberNow Labs Security+ Scholarship (Spring 2024)

Relevant Coursework: Intro to Computer Programming (taught in Python), Object-Oriented Programming (OOP taught in Java), Essentials of Computer Science, Discrete Mathematics, Calculus, Data Structures, Computational and Data Sciences

Professional Experience

Engineering Intern/Assessments and Software SME | [Neany Inc.](#) | May 2024 - Aug 2024 | Edinburgh, IN

- Contract support to the Department of Defense's Office of the Under Secretary of Defense for Research and Engineering as an Assessor for multiple industry partner technologies during the T-REX 24-2 event.
- Aided in the validation process of technologies for future DoD acquisition/contract awarding by evaluating and confirming technology readiness level from TRL 4 to TRL 6 by documenting and creating integrated assessment plans for technologies assessed during T-REX 24-2.
- Served as a Software Subject Matter Expert to create comprehensive and targeted assessment plans/documentation and to communicate the purpose and benefits of the technology to assigned government leads.

BigBear.AI ConductorOS Assessor/Web Developer | [BigBear.AI](#) | [Website](#) | [Repo](#) | July 2024 - Aug 2024 | Edinburgh, IN

- Assessed BigBear AI's ConductorOS technology for DoD's T-REX 24-2 event by creating measures of performance and effectiveness used during assessments.
- Served as a Software SME by briefing other government assigned assessors about Conductor OS software in order to create comprehensive and targeted measures of performance and effectiveness during assessments.
- Created a ReactJS based visual representation for BigBear AI's ConductorOS technology to explain the software with an interactive diagram and descriptions in order to aid understanding of its purpose and benefits for DoD officials.

Fairfax County DIT Intern | [Fairfax County Government](#) | Jun 2023 - Aug 2023 | Fairfax, VA

- Operated under different methodologies such as **waterfall**, **agile**, and **scrum** to help myself adapt to the project's requirements and constraints, effectively collaborate and communicate, and manage work effectively within fixed timeframes.
- Developed and trained with DevOps practices including **continuous integration/continuous deployment** (CI/CD) to provide secure data access solutions for downstream services and debugging in test and production environments.
- Leveraged with Power Apps, Power Automate, Power BI, and SharePoint to create an **automation app** for the Department of Tax Administration to simplify their print process by improving accessibility and appearance on how documents are processed.
- Configured a **Transport Form** for easily logging the process of **development**, **testing**, and **production** by utilizing ASP.NET Core framework to create a user-friendly web form and SQL Server to store data from the web form to the database to make creating and managing transport migration requests efficient for the DevOps team.

Projects

Kulit Apparel Ecommerce Website | Personal Project | [kulit.us](#) | Present

- Developed a full stack ecommerce website using modern front-end build pipelines tools using React, Node.js and MongoDB.
- Applied MERN principles and the website integrates with Stripe API to handle payments all deployed with Vercel.
- Managed sales and created designs with Adobe Creative Cloud apps and Canva.

StructSure | [Hackathon Project](#) | [Yahoo Finance](#) | University of Maryland | April 2024

- Deployed an AI image analysis tool aimed at aiding bridge repair efforts and ensuring rapid recovery and safety.
- Trained a prediction model with Azure Custom Vision as part of a full-stack web-app to identify damaged and undamaged points of a bridge with 78% recall and 57.6% mAP rates, intended to assist with bridge recovery.
- Achieved Best use of AI/ML Innovation for the Francis Scott Key Bridge Recovery Efforts out of 150+ projects at Bitcamp 2024 Hackathon using Microsoft Azure AI Vision.

Friends of ADCY5 | [Hackathon Project](#) | Harvard University | March 2024

- Programmed a social network graph using Neo4j to illustrate relationships such as geographical prevalence when it comes to diagnosis to support people diagnosed with the Adenylyl cyclase 5 (ADCY5) related movement disorder.
- Utilized Online Mendelian Inheritance in Man (OMIM) database API to parse JSON and convert it into a CSV file to create datasets for Neo4j using a NoSQL database system to best visualize and make the data easily accessible.
- Awarded 2nd Place prize of \$500 out of 30+ projects at the Rare Disease Hackathon 2024 by Harvard Biotechnology Club.

Technical Skills & Certifications

Programming & Web: Java, Python, C#, SQL, HTML/CSS, JavaScript, TypeScript, Bash, R

Frameworks/Libraries/Database: React, React Native, Node.js, Next.js, Flask, REST APIs, ASP.NET Core, Bootstrap, SQL Server, Spring Boot, Flask, Tailwind, Selenium, Axios, MongoDB

Certifications: CompTia A+ (May 2023), OSHA 10-Hour General Industry (June 2023), Interim SECRET Clearance (June 2024)

Developer Tools: Git, VS Code, Jupyter, Power Apps, Power Automate, Power Bi, SharePoint, Microsoft Azure, Vercel, Cloudflare, Figma, Oracle VM VirtualBox, RHEL 8 Linux, Unix, RStudio, Postman