

Mateus Kelly

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EDUCATION

University of Maryland

Bachelor of Science in Computer Science, Minor in Philosophy

College Park, MD

08/2019 – 08/2023

TECHNICAL SKILLS

Languages: Java, Python, C, C++, SQL (MySQL), NoSQL (MongoDB), JavaScript, HTML, CSS, TypeScript

Frameworks: React, Next.js, Node.js, Express.js, Spring, .NET

Developer Tools: Git, Docker, Amazon Web Services, VS Code, Visual Studio, Eclipse

Certifications: CompTIA Security+ (2024)

EXPERIENCE

Radio Frequency Test Engineer

04/2024 – 12/2024

SBP Consulting LLC

Laurel, MD

- Collected and analyzed test data for two-way radio systems to demonstrate reliable coverage areas in ten distinct counties across the United States.
- Scheduled and communicated with owners of various government and essential buildings for the best times to test the radio system, resulting in little confusion and trust with all parties involved.
- Authored detailed reports in regards to the effectiveness of radio testing across various locations, optimizing collaboration and work efficiency with radio tower engineers.

Computer Technician/Event Support

09/2022 – 07/2023

Stamp Student Union

College Park, MD

- Corrected issues with IT software and hardware such as laptops, printers, networking equipment software, and hardware issues within the many departments in Stamp.
- Conducted hardware and software research to find the most suitable technologies for departments using search engines and catalogs.
- Resolved customer-related issues across all Stamp departments by creating and managing help desk tickets using KACE software.
- Provided essential information by collecting, analyzing, and summarizing database performance and trends.

Software Engineer Intern

05/2022 – 08/2022

Lockheed Martin

Remote

- Designed and debugged code within a Full-Stack Java environment to ensure accurate data retrieval from an SQL database, presenting client's aircraft documents using Jasper Reports.
- Deployed and trained a Machine Learning model with a team of 5 interns in a Linux environment to classify clothing images with a 90% success rate.
- Produced comprehensive technical documentation outlining product functionality, and effectively communicated documentation to both colleagues and clients through engaging presentations.

PROJECTS

Anagrams Solver

github.com/mateusmatters/Anagrams-Solver

- Given the input of 1-9 letters as a string, the program outputs all possible words that can be created using the inputted letters.
- Implemented a data pipeline that transformed raw data from dictionary text files into optimized hashmap data structures.
- Utilized efficient query algorithms to access data in polynomial time.

DALL-E Social Media Web Application

dalle-clone-sy73.onrender.com

- Integrated DALL-E's image generation API into a social media platform where users create and post AI-generated photos.
- Implemented domain configuration, web server setup, and continuous monitoring to ensure optimal performance and availability.
- Created a RESTFUL back-end API using Express and MongoDB Atlas which is hosted on render.