Mateus Kelly

Washington Metropolitan Area
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Education

University of Maryland – College Park   College Park, MD
Bachelor of Science in Computer Science, Minor in Philosophy   *August 2019-August 2023*
- **Scholarship:** William, Gloria, and Tania Memorial Fund Scholarship, June 2019: Awarded to those involved in Saint John Neumann Catholic Parish
- **Relevant Coursework:** Cyber Security, Cryptography, Database Design, Data Structures, Computer Algorithms, Introduction to Computer Systems, Web Application Development

Skills

- **Technical Languages:** Java, C#, C, Python, Ruby, JavaScript
- **Technical Applications/Frameworks:** MySQL, Github, Amazon Web Services, Xamarin Forms, Docker, React.js

Related Experience

Computer Technician/Event Support Stamp Student Union, College Park, MD   September 2022-July 2023
- Troubleshot 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 Lockheed Martin, Remote   May-August 2022
- Actively participated in an Agile Scrum with a core team of 11 for the development of Logcards; a spreadsheet application with the purpose of tracking aircraft parts and serial numbers.
- Designed Jasper Reports based on end users' aircraft requirements. Examined the user interface to ensure that the required forms appear correctly on the application and update as the user inputs information to the report.
- Deployed and trained a Machine Learning model with a team of 5 interns to correctly classify clothing images.

Application Developer RNI Design & Associates, Remote   May-August 2021
- Developed a lifestyle application using Xamarin Forms with the goal of making grocery shopping easier for adults with physical and mental disabilities.
- Contributed to a 4-person bi-weekly meeting discussing user interface design choices and potential add-ons.
- Administered a MySQL database responsible for client login information.

Projects

Anagrams Solver   https://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.
- Developed my knowledge of data structures such as hash sets and hash maps.
- Implemented efficient query algorithms to access data in polynomial time.
- Cleansed data from an Oxford English Dictionary text file to a new file in order to make data easier to acquire for later parts of the project.

DALL-E Social Media Web Application   https://mateuskelly.com
- Integrated DALL-E's image generation API into a social media platform where users create and post their own AI-generated photos for others to view.
- Implemented domain configuration, web server setup, and continuous monitoring to ensure optimal performance and availability.
- Managed a MongoDB Atlas server to store and retrieve user-generated posts.