Dylan Keen

Computer Engineering | Cell Number: (905) 220-9554 | Email: dkeen@uwaterloo.ca

🛠 SKILLS

➤ Programming Languages: Python, C++, Java, Swift

➤ Software Tools: Robot Framework, Postman, HTML/CSS, MySQL, Object-Oriented Programming, Git

➤ Experienced in collaborating in software projects with Atlassian/Jira

➤ Developed critical thinking and communication from DECA business presentations.

💼 WORK EXPERIENCE

Software Developer | Rogers Telecommunications — May - Sept 2023

- Innovatively designed and implemented automation solutions resulting in cost savings of $122,000 per year across all three projects.
- Leveraged backend data and REST APIs to develop and optimize project functionalities.
- Applied advanced analytical tools such as Voronoi diagrams and pandas dataframes to extract meaningful insights, contributing to data-driven decision-making.
- Proficiently utilized Python and Robot Framework to streamline processes, ensuring seamless project execution.

App Developer | ZurApps Research — Sept - Dec 2022

- Developed an app in Swift for efficient trip planning which allowed for the company to market an improved user experience.
- Resolved various bugs in 4 apps that were deployed in the field and increased the number of returned users.
- Delivered robust documentation about testing/running for future users through Git to aid in new changes to the app.

QA Engineer | Ritual — Jan - April 2022

- Ensured all frontend and backend pull requests met acceptance criteria by using communication through Jira and Postman to test and make sure production never broke.
- Automated 76% of manual test cases using Selenium, Java, and GMAIL API which allowed for tests to be ran nightly in Jenkins
- Created test plans for new and existing features via Confluence and ensured that instructions and criteria were detailed to allow for an efficient ramp-up of new team members.

☰ PROJECTS AND EXTRACURRICULARS

Web Development — Jan 2022 - Present

- Designed a website that organized albums of photos that were themed and dated. Included features such as HTML transitions and Javascript listeners and buttons.
- Created a portfolio to showcase my projects, share my contact information, and post information about myself using HTML/CSS. Uploaded the website and can be found at dylankeen.space

🎓 EDUCATION

University of Waterloo — Sept 2021 - Present

- Candidate for Bachelor of Appied Science, Computer Engineering
- Overall GPA of 3.94