Razeen Ali

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Software Engineer

5+ years of experience in software engineering, research and development, and robotics. Created custom online survey systems, data scrapers, Chrome extensions, and robots for intl. competitions. 1st place in Robotics 2020. Led workshops on topics such as DevOps, Unity, Firebase, Arduinos, teaching kids to code and getting them started with robotics

WORK EXPERIENCE

Ramuri Inc. • Toronto • Part-time • 06/2022 - 09/2022
Software Engineer Intern
- • Collaborated with a team to develop a Google Chrome extension using Django REST API and JavaScript, enhancing user experience and efficiency • Built custom data scrapers to extract information from various APIs and websites, organizing the data into a structured database, and increasing overall efficiency by 240%

University Of Toronto • 09/2021 - 05/2023
Research Assistant
- • Developed a custom online survey system and experiment utilizing the OTree framework to support a research study • Engineered the system to handle multiple participants concurrently and designed it for easy reuse by future survey hosts • Optimized data collection processes for improved understanding and analysis by researchers

Technical Team Member
- UTM Robotics, Google Developer Club UTM, IEEE UofT • Contributed to the frontend development of DeerHunt, an AI-based multiplayer game, using ReactJS • Enhanced collaboration and communication skills within a large team by establishing a cooperative environment • Organized and led workshops on various topics, including DevOps, Unity, Firebase, Arduino, and more

First Global • International • 01/2018 - 12/2020
Software Developer
- FIRST • Collaborated on the design and construction of a robot and its code for the international competition • Competed on behalf of Bangladesh in 2018,2019 , and 2020, winning the 1st place in 2020 • Gained expertise in integrating hardware and software for efficient real-world applications and optimal performance • Developed intuitive control systems for the robot, streamlining its operation for drivers

Code Warriors • Toronto, Canada • Teaching • 05/2023 - Present
Mentor
- Teach kids how to code using python and s-prime, as well as get started with robotics for FIRST Lego League

UTM Robotics • Toronto • Full-time • 05/2023 - Present
Vice President of Events
- Host multiple workshops, and teach different forms of electronics, such as IoT, Rfid/NFC, arduino and so on.

EDUCATION

Bachelor Of Science In Computer Science And Mathematical Sciences
University Of Toronto • Toronto, ON, Canada • 08/2021

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Sir John Wilson School

SKILLS & INTERESTS

Cooperation, Communication, Time Management, Collaboration, Intuitive, Analysis, Research, Google Chrome, Google Cloud Platform, Front End Web Development, Report Automation, Greedy Algorithm, Control System, Data Collection, Developer Tools, Report Generation, User Interface Design, Exception Handling, Online Survey, Microsoft Visual Studio, JavaScript, Educational Planning, Microsoft Access, Firebase, IntelliJ IDEA, Representational State Transfer, Node.JS, PyCharm, ReactJS, Visual Studio Code, DevOps Operations, Django, Docker Software, Python, LaTeX Software, Slack Software, Unity, Bash, Hypertext Markup Language, Java, JIRA, Application Programming Interface, Cascading Style Sheet, Git, SQL, Artificial Intelligence, web3, blockchain