Roshen Abraham

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Education

University of Maryland   College Park, MD
Major: Computer Engineering   **Expected Graduation:** May 2022

Skills

Programming Languages: Java, Python, C, C#, C++, Linux, MATLAB, Assembly, Ruby, OCaml, R
Software: Unity, Ultimaker Cura, Microsoft Office, Macintosh Programs, Premiere Pro, Photoshop, Illustrator

Experience

Researcher   July 2018 - Present
SENSE   University of Maryland
- Developing micro-climate sensors that monitor weather conditions, air pollution, and greenhouse gas emissions (currently being used NASA's Goddard Space Flight Center)
- Building a smart network of low-cost moderate-precision sensors on campus and across the greater D.C./Maryland area

Programmer   September 2018 - Present
Veldt Studios   University of Maryland
- Creating a video game using C# in Unity
- Programmed the movement and design, as well as the plot of the game

Student Technician   August 2018 - Present
Terrapin Tech   University of Maryland
- Diagnose computer issues and provide face-to-face assistance to customers that need help with software or hardware installations, backups, and/or virus removal

Science Assistant   August 2016 – May 2017
Atholton High School   Columbia, MD
- Responsible of handling the inventory of all classes in the Chemistry and Physics Department
- Created and managed a database that recorded and kept track of all tools and instruments used by both departments

Extracurricular Activities

Area Treasurer   August 2016 - Present
North-East Leadership Camp   Washington Metropolitan Area
- Manage finances, monetary transactions, and fiscal agenda of seven Indian Orthodox Church youth groups in the Washington Metropolitan Area
- Conducted outreach to churches and increased membership count to over 120 members
- Lead and delegate tasks to each churches youth group in order to complete charity events, fundraisers, and promote fellowship among the area
- Created events in efforts to fundraise money for a leadership camp that brings together Indian Orthodox Churches from across the nation
- Developed a budget that was approved by the Indian Orthodox North-East Diocese Bishop to organize a nationwide leadership camp

Secretary   September 2017 - Present
RenU-MD Energy   University of Maryland
- Manage a team of 14 students, record notes in meetings, keep track of finances, organize research groups, oversee project development
- Developing a machine that cleans up oil/pollutants in freshwater areas

Certifications

- Apple Certified Mac Technician