

Rishwanth Vidhya

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Education

Virginia Tech

Bachelor of Science in Computer Science

Relevant Coursework: Cloud Development, Data Structure and Algorithms, Computer Organization, Computer Systems

Languages: C, Python, Java, Node.JS, Assembly

Tools: Linux, git, SSH/SCP

Back End: AWS, Azure, GCP, Jakarta, MySQL

Front End: HTML/CSS, React

Professional Experience

Marketing Representative, Wizeprep | August 2023 - Present

- Conducted on-campus flyering and postering to promote Wizeprep's study resources
- Made class announcements to inform fellow students about Wizeprep's offerings
- Actively represented the company at booths during university events
- Engaged in various other marketing initiatives to enhance brand awareness

Student Employee, VT Dining Services | August 2023 - Present

- Ensured food quality, portion control, and presentation standards were met.
- Served meals to customers with a friendly and customer-oriented approach.
- Adhered to food safety guidelines, including proper handling and storage of food
- Worked closely with colleagues to efficiently handle high-volume meal services

Machine Learning Research, Dr. Kevin Huang, Trinity College | August 2022 - May 2023

- Collaborated with Dr. Kevin Huang on an innovative research project utilizing Artificial Intelligence (AI) and Machine Learning (ML) techniques.
- Played a pivotal role in developing and implementing algorithms for automated marble pixel segmentation in the marble burying experiment.
- Contributed to data preprocessing, image analysis, and feature extraction to enhance the accuracy of the segmentation process.

Related Projects

Retro 2.5D Game | July 2023 (<https://github.com/rishvidh/Super-Gold-Hunters>)

- Designed and developed a dynamic 2.5D game inspired by the iconic Retro Doom franchise.
- Independently constructed a game engine from the ground up using core java
- Implemented engaging gameplay mechanics, enemy AI, and player controls.

Extracurricular activities

Production And Construction Chair, VT 2026 Class Officers | April 2023 - Present

- Responsible for overseeing various production and construction initiatives within the class events
- Managed the logistics and coordination of construction-related tasks for events, ensuring that venues arranged effectively and safely

Mover And Driver, Storage Scholars | August 2023 - Present

- Conducted safe and efficient loading, unloading, and transportation of clients' belongings, ensuring their secure transfer to storage facilities.
- Collaborated with team members to plan routes and schedules

First Robotics Competition | August 2018 - June 2022

- Collaborated with a diverse team to program a competitive robot for annual FRC challenges.
- Served as the programming lead for two years

Skills and Interests

- Fluent in English, Latin, and Tamil
- 3D Modeling and Digital Media: Blender, Solidworks, Adobe Photoshop, and Premiere Pro
- Proficient in Microsoft Office Suite
- Interests in AI/ML, Blockchain, Smart Contracts, and Decentralized Apps (dApps)