

VD

Vignesh Raj Derangula

Professional Summary

As a dedicated and technically proficient freshman, my passion lies in design and collaboration. I am excited about the prospect of joining a design team at Virginia Tech, where I can actively pursue my interests while working with others. My goal is to expand my skill set, learn from my teammates, and contribute to meaningful and innovative projects. I believe in the power of teamwork to achieve great results and am committed to both personal and collective growth within this collaborative environment.

Professional Experience

KidzPitch - Founder and Operator

06/2020 - 08/2022

- Successfully launched and managed KidzPitch, an online summer camp that gained momentum during COVID-19.
- Launched and managed a business website to establish an online presence, showcasing products/services and fostering customer engagement.
- Grew membership to 120 participants by the end of the second summer.
- Engaged with clients to plan and optimize site issues and queries.
- Developed key operational initiatives to drive and maintain substantial business growth.
- Developed strong partnerships with other businesses to allow for collaboration and more significant opportunities for growth.

VEX Robotics Team Captain + Lead Programmer

09/2019 - 05/2023

- Led a team of 12 members, securing sponsorship from local companies.
- Achieved school-record placement in state-level competition.
- Generated \$2,500 for team shirts and new parts.
- Worked with cross-functional design teams to create software solutions that improved overall functionality and performance.

IOS App Development

06/2023 - Current

- Currently developing an iOS app using Swift, focusing on using iPhone as a Nintendo Switch Controller
- As of right now, the app can connect to the console successfully, however, still various bugs involved with button mapping and inputs once connected.
- Passionate about learning more about App Development and committed to continual improvement.

AP Research Project

09/2022 - 05/2023

- Utilized R programming to perform statistical analyses on injuries in the NBA, NFL, and Premier League, identifying trends and insights.
- Summarized search results by preparing written report, graphs, fact sheets, and tables.

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📍 Blacksburg, VA 24060

Education

Virginia Polytechnic Institute And State University

Blacksburg, VA

Bachelor of Science: General Engineering,
Computer Science Intent

Skills

- Technical Skills:
- Programming Languages:
- Python, Java, Swift
- Web Development: HTML, CSS
- Data Analysis: R
- Software Development Tools: Visual Studio Code, PyCharm, Eclipse
- Strong entrepreneurial mindset and business acumen.
- Effective communication and teamwork abilities.
- Critical Thinking

Certifications

Python:

- PCAP-31-03: Certified Associate in Python Programming
- MTA: Introduction to Programming Using Python

Java:

- 5 on AP Computer Science A