Harsh Padhye

852 W Main St. Apt #601, Charlottesville, VA 22903

(774)-312-3755

[harshpadhye@gmail.com](mailto:harshpadhye@gmail.com)

«DATE»

Dear Hiring Manager,

I am writing to express interest in the «JOB TITLE» Intern position at «COMPANY». I will graduate from the University of Virginia in 2023 as an Echols Scholar with Bachelor of Arts degrees in Mathematics and Computer Science, and I see this position as an ideal opportunity to make a difference at «COMPANY» using my skills and passion for «MAIN JOB SKILL». I will be assisting in research on general topology and manifolds, where I hope to apply theoretical mathematics in real-world scenarios through program modeling. I am motivated to commit my time and enthusiasm to become an integral part of «COMPANY»’s business and culture.

«COMPANY» values the tenets of a successful next-generation technology company in the 21st Century: innovation, collaboration, and creative vision. Throughout my high-school years, my involvement in FIRST Robotics have taught me these principles through open-ended engineering challenges. I have managed a team of 10+ students as Chief Software Officer by delegating code development of robot systems to deliver automated software within a 6-week deadline. As leader of the software team, I collaborated with marketing, finance, and build teams to efficiently deliver and present in national robotics competitions and to corporate sponsors. As such, I have 4 years of experience not only in Java, Git version control, and computer vision tracking, but also in presentation and communication skills. In the past, I have demonstrated and explained robot code to Picatinny Arsenal, FIRST Judges, and middle schoolers alike; hence, I have the ability to clarify both technical and client-side aspects of a product. These transferrable skills helped me during my summer internship at the Information Technology department of the Robbinsville School District. I worked closely with a team of 3 to efficiently fix and upgrade the school to a new network and install new hardware in a timely manner. I will bring to bear these skills as a «JOB TITLE» Intern at «COMPANY».

While I recognize that my school year is younger than average for the position I am applying for, I believe my coursework and grades reflect my maturity in my studies. Namely, I am taking upperclassman courses in algorithms, computer security, real and complex analysis—with a stellar GPA in each. Furthermore, I am actively seeking research opportunities in higher mathematics during my time as a student, since I want to be at the forefront of research and development. «COMPANY» is a leader in «MAIN JOB SKILL» and I am eager to collaborate with such innovative minds as part of your team.

I would love to discuss my qualifications and potential employment opportunities for the upcoming summer. Feel free to contact me via email ([harshpadhye@gmail.com](mailto:harshpadhye@gmail.com)) or call/text at (774)-312-2755. I look forward to your response. Thank you in advance!

Sincerely,

Harsh Padhye

Echols Scholar at University of Virginia

College of Arts and Sciences - Mathematics and Computer Science