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Hiring Manager

COVE Internship Program

Subject: Application for COVE Internship Program – BlueGrid (Vessel-to-Grid Development & Support Intern- Internship Program)

Dear Hiring Manager,

I am excited to apply for the COVE Internship Program, particularly the opportunity to contribute to BlueGrid's innovative marine vessel electrification projects. As a **master's student in Applied Computer Science at Dalhousie University**, I am passionate about harnessing technology to drive sustainable solutions, making this opportunity an ideal fit.

My background in software development, coupled with my dedication to sustainability, equips me to thrive in this role:

- **Technical Proficiency:** I have hands-on experience in both backend and frontend software development, using technologies like Java, Kotlin, Swift, and Python. My ability to learn and adapt to new programming languages aligns with BlueGrid's dynamic development needs.
- **Current Project Experience:** I am actively developing and deploying an Android application, **SpendWise**, on the Google Play Store. This personal initiative demonstrates my ability to lead a project from ideation to deployment, ensuring functionality and user-centric design.
- **Collaborative Problem-Solving:** My experience collaborating with interdisciplinary teams has honed my ability to communicate technical concepts effectively, a skill critical for engaging with stakeholders and contributing to BlueGrid's commercialization efforts.

What excites me most about this internship is BlueGrid's mission to create a seamless path toward greener energy through marine vessel electrification. The opportunity to develop bi-directional energy transfer software, while working alongside industry leaders and contributing to decarbonization initiatives, deeply aligns with my aspiration to apply computer science for environmental impact.

Beyond my technical expertise, I am a self-starter who thrives in hybrid and team-based environments. I am eager to contribute to BlueGrid's projects while learning from its innovative approach to merging technology and sustainability.

Thank you for considering my application. I would welcome the opportunity to discuss how my skills and experiences can contribute to BlueGrid's goals. I am confident that this internship will provide a mutually rewarding experience as I continue to develop my technical and professional skills.