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Hiring Manager
EnergyHub, Inc.
41 Flatbush Avenue, Suite 400A
Brooklyn, NY 11217

Dear Hiring Manager,

I am excited to apply for the Support Engineer position at EnergyHub. As a Computer Science student at Georgia Tech, graduating in December 2025, I am eager to contribute to your mission of empowering utilities and consumers to create a clean, distributed energy future. Your commitment to innovation and collaboration resonates deeply with my passion for leveraging technology to solve real-world challenges, particularly in sustainability.

In my role as a Teaching Assistant for an Intro to Computer Science course, I mentored 20 students, conducted interactive recitations, and provided one-on-one debugging sessions, improving their exam scores by 15%. This experience honed my problem-solving, communication, and collaboration skills, which are essential for team-oriented environments. Additionally, I developed an interactive data visualization tool using JavaScript and D3.js, where I cleaned and processed a CSV dataset, designed dynamic visualizations, and applied UI/UX principles to create an intuitive interface. The tool enabled users to explore US college statistics effectively, with 90% of test users finding it insightful. These experiences strengthened my technical expertise, attention to detail, and ability to deliver user-centric solutions—skills that align closely with maintaining and enhancing EnergyHub's systems and ensuring a seamless user experience.

What excites me most about joining EnergyHub is the opportunity to work at the intersection of cutting-edge technology and sustainability—a field I'm really passionate about, because I see renewable energy as the major task in our civilization continuing development and pursuing science. Supporting innovations like virtual power plants, smart thermostats, and EVs that stabilize the grid and enable renewable energy adoption feels incredibly meaningful, for its social good in a world so desperately trying to decarbonize. While I may be early in my career, I bring a strong foundation in software engineering principles, hands-on app development experience in Java and Python, and a proactive mindset.

Thank you for considering my application. I would welcome the opportunity to discuss how my background, skills, and interests align with EnergyHub's needs. Please feel free to contact me at my email or phone listed above to schedule a conversation.

Sincerely,
Haruto Tanaka