Dear Hiring Manager, University Recruiter, [Recurve](https://www.linkedin.com/company/recurve-ee/life/),

As someone passionate about clean energy and helping the world, I am very excited to apply for the software engineering internship at Recurve. After thoroughly reading the job description, I realized the immense overlap between my skills and knowledge and what you guys are looking for in a potential intern.

To elaborate, I am a first-year master's student at UCSD majoring in Computer science. I have had almost one year of Software Engineering work in coursework, projects, and internships. My most recent endeavor is with a stealth startup in the Bay Area, where I volunteered (Yes, I enjoy coding as a side hobby, too!) to develop and integrate their existing Python backend to a well-designed, user-friendly website utilizing AWS and React JS.

Further, Interning the past 2 summers, I have developed robust data structures, Cloud Computing, and database management skills along with my strong problem-solving skills, project management, and ability to work in teams, making me an ideal candidate to become an SDE at [Recurve](https://www.linkedin.com/company/recurve-ee/life/). In my previous internship at yet another startup, Makos Infotech, I developed the server-side rendering for their online campus placement website using JavaScript, PHP, and MySQL. Along with this, I also created and managed the existing relational databases using MySQL Workbench connected to the AWS backend. Further, I helped design the website's user interface using Figma and Bootstrap. I enjoyed the opportunity to work on a real-world project and make a tangible impact on the company's product.

Additionally, in my experience working on my undergrad final year project, Aatmanirbhar Sanchar, I picked up some great habits. Learning from my mentors at the Tata Institute of Fundamental Research (TIFR), I got familiar with a CICD development pipeline, albeit on a smaller scale. My team utilized a server-client architecture to develop a secure chat application disconnected from any third-party APIs. Apart from porting over to Android, we also reutilized this knowledge to build a sister Android application, useful for auto-synchronizing files, for instance, radiation readings from Geiger, securely to a remote server.

I am confident that my skills and experience make me a strong candidate to be at [Recurve](https://www.linkedin.com/company/recurve-ee/life/), and I am eager to grow and learn from the Best-in-class teams at your company.

Thank you for your time and consideration. I would appreciate the chance to discuss further my qualifications and how I can contribute my skills to something that benefits the environment! Please feel free to contact me at your convenience by email (jjhaveri@ucsd.edu) or by telephone (+1 858 214 9192).

Sincerely,

Jay Jhaveri