

6 May 2023

Dear Hiring Manager, University Recruiter, GHD,

As someone passionate about clean energy and helping the world, I am very excited to apply for the Digital Experience internship at GHD. 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, neural networks, 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 HDH. 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 CI/CD 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 GHD, 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