

Nam Truong

0493941605

HaiNam.Truong@student.uts.edu.au

<https://www.linkedin.com/in/hai-nam-truong-a44a66335>

Recruitment Team Industrious Engineering

Re: Graduate Engineer – Industrious Engineering Graduate Program

Dear Hiring Team,

I am a Software Engineering student at the University of Technology Sydney applying for the Industrious Graduate Program. I am excited by the opportunity to contribute to projects that address real-world problems. My career goal is to specialize in full-stack web development, and this program will allow me to expand both my technical expertise and my collaboration skills.

In a recent internship project, I worked with a real-world furniture upholstery business that struggled with production scheduling inefficiencies. I was tasked with leading the front-end development of a scheduling system that could streamline their workflow. I designed structured layouts, developed reusable components with React, and integrated them with RESTful APIs to ensure real-time updates. The solution not only resolved immediate bottlenecks but also provided a scalable platform to support the company's future growth.

I also demonstrated strong teamwork and leadership during my 12-week internship with a team of fellow interns. I was responsible for coordinating front-end and back-end integration tasks. By facilitating regular meetings, aligning priorities, and collaborating closely on system design, I ensured the project stayed on track. The final product was delivered on time and exceeded the client's expectations, reinforcing the importance of adaptability and communication.

Beyond project work, I have consistently developed my technical foundation. For example, in database management projects, I was responsible for optimizing data integrity. I applied normalization, built optimized structures in PostgreSQL, and wrote advanced SQL queries to improve system performance. These improvements reduced redundancy and increased query efficiency, enabling more reliable decision-making.

Industrious's multidisciplinary environment is the ideal setting to apply these skills while continuing to grow. I am eager to contribute to projects that demand creativity, collaboration, and accountability.

Selection criteria (3.1–3.6):

3.1 Ethics & accountability: I gathered system requirements from a real client and focused on usability and UX by applying wireframing and form validation to streamline their workflow. My goal is to build practical, effective solutions that reflect both technical precision and real-world utility.

3.2 Communication: I collaborated with a real-world client to gather system requirements through multiple stakeholder meetings. I also worked with a back-end team to integrate front-end components with RESTful APIs, ensuring seamless user interactions.

3.3 Creativity & proactivity: I am particularly driven by the challenge of developing systems that meet specific user needs while maintaining scalability and performance. For the production scheduling project, I delivered a scalable and client-specific solution tailored to a small business's needs.

3.4 Using & managing information: I have a strong foundation in database fundamentals , including using PostgreSQL to implement and optimize database structures and executing complex SQL queries. I also utilized normalization to simplify database tables and enhance data integrity.

3.5 Self-management: I am committed to continuous improvement and have successfully completed multiple university projects alongside my coursework, demonstrating my ability to manage my time and performance in a professional setting.

3.6 Teamwork & leadership: During my internship, I worked closely with a team of fellow interns over the course of 12 weeks. This experience reinforced the importance of collaboration, adaptability, and understanding end-user requirements.

I am eager to apply these skills to Industus's multidisciplinary projects while continuing to learn. Thanks for your consideration.

Kind regards,

Nam Truong