

STEVE NGUYEN

M: 0421 98 55 11

E: st3ve.nguyen@gmail.com

CREATIVE TECHNOLOGIST

By having a keen interest in staying at the forefront of technology, I encompass a strong drive to excel in what I do. I have undertaken studies in electronics and electrical engineering in my quest to attain more insight and knowledge.

Following a role with Google Australia assisting in the facilitation of RMIT's adoption of Google's Apps for Education, I was accepted for a scholarship with General Assembly for a course in front-end web development to which I have now been able to become a freelance web developer.

As a hobby, I occupy myself with projects that oversee phases of ideation to conceptualisation and execution. This necessitates for design, engineering, procurement and construction. As an example of a project I am undertaking, is to build an automated skylight blind for myself. Using an Arduino as the prototyping platform, the strategy is to provide a low-cost and energy efficient solution to block out the sun for when I want to sleep-in on the weekends. I have since designed and acquired most of the parts needed, including the design and fabrication of my own custom 3D-printed component.

In team environments, I have developed strong leadership skills and communicating ability. Methodical in problem solving and good time management skills, I am able to adapt to changes in the working environment. For instance, an experience with Engineers Without Borders Australia, I was applying methods specialising in human-centred design for social innovation. I undertook this role to not only expand my skills into humanitarian engineering but because I believe that with passion and ability, I am able to contribute to improving the lives of disadvantaged communities.

Challenged with limited facilities and resources in Cambodia, we were able to propose designs to facets of engineering to people's everyday lives in addition to creating a business plan for social enterprise in those underserved communities. This was designing with a sense of reality; scarcity in material, constraints in accessibility, etc. make a significant difference in the design process. It is something I have never worked with in these extremes before. My skills were reinforced by working with a diverse team, assessing their strengths, and keeping everyone involved. Currently, we are analysing the data on previous program evaluations in hopes to find new insights about student participation as well as some comparisons across programs.

In collaboration with Stephanie Ng Design, an award winning industrial designer based in Malaysia; I have consulted the business in the adaptation of smart technology, in particular the Internet of Things (IoT). This role involves advising and educating as we prepare for our own product partnership. This endeavour aids in my understanding and ability to learn how to frame a problem correctly, that is to define a problem in such a way that it becomes solvable.

With experience in co-creation, cross-cultural collaboration and the formation of strong networks, I believe I have what it takes to make this role a success as I continually strive to deliver a high standard of performance and expertise.