

Profile

The creation of a beautiful machine begins with design; it evolves; it fails; it strives for form and function; and is, at once, an art and a science.

A synthesis of strategy and design. Our art requires not only technical knowledge, but the vision to see how the machine may change itself and the world around it. As a full-stack engineer, I have deep technical knowledge; and as a philosopher and historian of technology, I know how to use it.

Skills

System Design

Providing direction and motivation, allowing each component to evolve, and creating theoretical-abstract structures accessible by metaphor.

Framework and Environment

Guiding, motivating and helping teams and their members along the path to success.

Isomorphic Knowledge

Proven ability to apply interdisciplinary knowledge to new problems, find novel solutions, and seek the avant-garde.

Technical

C#	Xamarin	Embedded C (Arduino)
Typescript/ Javascript	Microsoft Azure	Continuous Integration
Git	Unit Testing and User Testing	Wireless Technologies
Web Fundamentals	OS X	Windows

Experience

Senior Systems Engineer

Engineer, Design, Develop
Ramp RFID
2013-2016

Designed, Developed and Tested Xamarin Application (front-end), and a scaleable green-field large-scale SaaS application (back-end). Developed several smaller Xamarin apps. Guided clients from project conception to delivery. Created frameworks & libraries used by project teams. Set up continuous integration and deployment.

Bachelor of Engineering

Electrical (First Class Honours)
University of New South Wales
2008-2013

Through this course, I came to understand the core physical laws that govern all modern technologies, including the internet, computers, quantum computing, energy generation and consumption, etc.

Bachelor of Arts

History and Philosophy of Science & Technology
University of New South Wales
2010-2013

For a technologist such as myself, there are important questions regarding the nature of science and technology. What is science anyway? Within this course I developed key insights that enable me to comprehend technology in the context of our history and culture.