

## 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.

### Batchelor 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.

### Batchelor 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.