

IAN BELCHER

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Latest @ <https://ian.mba>

MBA, MIT, GradCertDS, BBus(IRHR), DipPM

EDUCATION

Graduate Certificate in Data Science | University of Newcastle Australia | 2019

Completed Graduate Certificate in Data Science with computational intelligence specialization. This course was not an attempt to transition my career but a way to more effectively communicate with this cross-cut concern while continuing to build web products.

MBA | University of Newcastle Australia | 2015

Completed Master of Business Administration with eBusiness specialization with a distinction level average.

Master of Information Technology | University of Newcastle Australia | 2014

Completed Master of Information Technology with a distinction level average.

Diploma of Project Management | Hunter Institute of TAFE Australia | 2014

Completed Diploma of Project Management to supplement my real-world experience and formalize subject matter experience

Bachelor of Business | University of Newcastle Australia | 2008

Completed Bachelor of Business degree with major in Industrial Relations and Human Resource Management.

EXPERIENCE

Google | Senior Software Engineer | 2020 – current

Sunnyvale California USA

Responsibilities:

- Design, develop, test, deploy, maintain and improve software.
- Manage individual project priorities, deadlines and deliverables.
- Focus on overall product quality and user experience.
- Take initiative and be responsible for technical solutions to data quality and workflow challenges.

Deckee | Co-founder and CTO | 2015 – 2020

Newcastle NSW Australia & San Francisco Bay Area

Responsibilities:

- Formulation of strategic goals and OKR's for delivery. Driving teams towards goals through compelling visionary leadership.
- Building domain specific teams around business objectives. Fostering trust in teams both horizontally and vertically while driving both personal and group level development.
- Helping teams increase the breadth and depth of their impact within the business.
- Site reliability, architecture, scalability, distribution and security of multi-tiered, distributed systems.
- Investigation, integration and utilization of available technologies, building internal competencies and strategic advantages.

Digitally Enabled | Owner and Consultant | 2015 – 2020

Newcastle NSW Australia & San Francisco Bay Area

Responsibilities:

- Conducting discovery, clarification and prioritization sessions to formalize the client's goals, requirements, existing competencies and constraints.
- Collecting data to enable and ensure best decision-making processes
- Developing and documenting possible solutions, advocating for each based on relative merits and limitations in the context of the organization.
- Delivery of project management plan in the context of chosen solution, implementation and management of plan as project progresses.
- Development of software in accordance with plan.
- Project close out, ensuring clean handoff of product to client and all requirements met.

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NOTABLE

Portfolio Videos

For a quick introduction to my skills and previous work, the following videos are available:

January 2019: <https://youtu.be/TByOFt0c0cE>

September 2017: <https://youtu.be/3SVb5aZfklg>

Creator of Doom WebXR

A project that I put together in 2020 that can convert old doom levels into WebXR experiences. Levels are currently about 98% correctly built.

VR Video Demo: https://youtu.be/Ry3a_tJkGcl

Website: <https://doom-webxr.ianbelcher.me>

Creator of Encrypt Chat

I built the initial POC for this product as an exploration into encrypted communications. It allows fully anonymous communication via a zero-knowledge system between users. The product was technologically acquired silently by a security firm in 2019 who have graciously allowed the project to remain online.

Homepage: <https://encrypt.chat>

Co-founder of Newwwie

Started a digital creator community with 3 other members in 2014 which has grown to be a central hub for the industry in Newcastle NSW Australia. We now boast 500+ members, numerous meetups and a fantastic range of different interest groups.

Homepage: <https://newwwie.com>

Professional Musician

I have over 1000 hours of stage time experience as primarily a singer and occasionally other instruments in various bands.

Military Experience

Previously enlisted as a reservist in the Australian Army as a Combat Engineer.

Rotary Volunteer

Based on my own experience of wonder and learning that came when I first used Encarta 95, I travelled with Rotary to Nondugl in the Jiwaka province of Papua New Guinea with the intention of providing offline versions of Wikipedia to locals. Previous Rotary trips to the area had provided computers to the local library, but without internet access, this hardware had not been utilized. Unfortunately, due to the tropical climate and the very open nature of buildings in the area, the computers were inoperable when we arrived due to dust and moisture.

On the positive side, telecommunications in the area had started providing data to users which gave them access to Wikipedia via their mobile devices, as well as everything else available on the internet, an outcome much better than I had hoped to provide.

Founder of Rotary Youth Chapter Hamilton

After volunteering with Rotary in PNG, I worked with a group of younger individuals to initiate a youth chapter of Rotary in our local area. Unfortunately, we were unsuccessful gaining much traction with younger members of the community based on the more classical style of the organization, and due to the differing of priorities between the organization and the concerns of younger members of the community.

Youth Club Volunteer

I performed over 6 years of service for the Police & Community Youth Club Brass Band when I was younger. This involved helping teach and mentor younger members, while also performing often. I eventually was awarded the Duke of Edinburgh's Gold Award for my efforts within this organization.

CONTACT

Phone: 415 900 6649

Email: heyiwastlooking@ian.mba

Web: <https://ianbelcher.me>

Github: <https://github.com/ianbelcher>

GPG: <https://ianbelcher.me/ianbelcher.gpg>

Stack Overflow: <https://stackoverflow.com/cv/ianbelcher>

LinkedIn: <https://www.linkedin.com/in/ibelcher>