

# Caelan Anderson

## Professional Goals

I'm looking for an exciting position to apply my skills in software, physics and data.  
I work to create things that enrich the world and lives of others.

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## Contact Details

### Mobile:

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### Email:

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### Website:

www.caelana.com

### GitHub:

www.github.com/caelan-a

## Academic History

### University of Melbourne Bachelor of Science | Physics

Graduated 2020

Breadths in Linguistics

### Suzanne Cory Highschool VCE | Grad 2016

Graduated 2016

## Certificates

### Quantium Quantium Data Analytics Virtual Internship

Developed and applied practical data analytics skills using R with RStudio

## Work Experience

### Software Engineer

#### Melbourne Space Program | 2020 - Present

- Worked in the AI and Robotics team focussing on the Autonomous Mars Rover project. I developed systems for ground segmentation and object detection to be used in SLAM. (Python, C++)

### Software Developer & Designer (Self Employed)

#### Apollo App Development | 2018 - Present

Melbourne based app development using Flutter and other technologies to create fast and beautiful solutions for small and medium business. Clients include companies in software, retail and education across Europe and Australia. Have completed contract work for **The University of Melbourne, ROBAWS (Belgium), Luxe Watches (UK) and MTR Ltd (UK)**

Technologies include:

- Flutter and Google Cloud Suite (Firebase/Firestore, Google App Engine, Cloud Functions).
- Wordpress (custom plugins, interfacing with existing plugins)
- Custom REST APIs
- ReactJS (web apps that interface with existing backends)

### Analyst

#### National Australia Bank | 2017 - 2018

- Working in Financial Crime Services I became proficient in data analysis across a variety of specialised tools.
- Involved in brand new department and helped build procedure to be used by subsequent analysts.
- Accustomed to rapidly changing work procedures driven by changing data requirements

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## Skills

Programming [Python, C++, Dart, Java, R, HTML/CSS/JS, SQL]  
Research methods, data analysis  
Low voltage electronics, 3D prototyping with Fusion360  
Design skills in Adobe Illustrator & Photoshop  
Music Production & Performance | Jazz Piano, Guitar, Saxophone