

# Cameron McEwing

Full Stack Development · Cloud Computing · Artificial Intelligence · Machine Learning · Systems Engineering

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📅 February 20, 1969 📞 (+64) 21-111-1272 ✉ [innovate.with.astrotepe@gmail.com](mailto:innovate.with.astrotepe@gmail.com) 🏠 <https://www.astrotepe.org> 🌐 Astrotope 🌐 [Cameron McEwing](#) 📧 @2018Cameronm 📍 Cameron McEwing 📞 0009-0004-8010-6346

## Summary

### Personal Profile

- Designed and implemented a thread pool library in C++ using the latest C++20 and C++23 features.
- Wrote extensive documentation and unit tests for the library and published it on Github.

## Experience

### Senior Software Engineer

Example City, EX

Example, Inc.

2019 - Present

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### Software Engineer

Example City, EX

Previous Company, Inc.

2011 - 2019

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### Intern

Example City, EX

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## Education

### University of Canterbury

Christchurch, New Zealand

B.E. (Hons 1) in Electrical and Electronic Engineering

February 1989 - December 1993

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### Mission Ready

Auckland, New Zealand

Advanced Full Stack Developer Accelerator Programme (NZQA Level 6)

November 2024 - January 2025

- This is a 10 week, full-time, intensive, advanced full stack developer accelerator programme.
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## References

### Thread Pool C++ Library

🌐 [DeveloperPaul123/thread-pool](#)

Designer/Developer

May 2021 - Present

- Designed and implemented a thread pool library in C++ using the latest C++20 and C++23 features.
- Wrote extensive documentation and unit tests for the library and published it on Github.

## Projects

- Designed and implemented a thread pool library in C++ using the latest C++20 and C++23 features.
- Wrote extensive documentation and unit tests for the library and published it on Github.

## Thread Pool C++ Library

 [DeveloperPaul123/thread-pool](https://github.com/DeveloperPaul123/thread-pool)

Designer/Developer

May 2021 - Present

- Designed and implemented a thread pool library in C++ using the latest C++20 and C++23 features.
- Wrote extensive documentation and unit tests for the library and published it on Github.

## Event Bus C++ Library

 [DeveloperPaul123/eventbus](https://github.com/DeveloperPaul123/eventbus)

Designer/Developer

Sep. 2019 - Present

- Designed and implemented an event bus library using C++17.
- Wrote detailed documentation and unit tests for the library and published it on Github.

## Skills

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**Technologies** Generative AI, Machine Learning, NO-SQL, SQL, Bash/Zsh, Java

**Frameworks** React, Express, Deno/Hono, SQL, Bash/Zsh, Java

**Languages** Python, Javascript, Typescript, SQL, Bash/Zsh, Java

**Spoken Languages** English

**Programs** Excel, Word, Powerpoint, Visual Studio