

# George Lloyd

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🐙 github.com/geple

🏠 geple.page

## Summary

Highly motivated software engineer with a passion for developing innovative solutions. Strong team player with experience in collaborative projects and a desire to contribute to a dynamic and fast-paced work environment. Seeking to apply and expand technical skills in a challenging software engineering role.

## Experience

### Andrew Donald Design Engineering

Mechanical Design Engineer

*August 2021 – January 2023*

- > Designed from concept to completion turnkey automation solutions for a wide variety of customers and industries.
- > Developed models and renders for use in sales packages.
- > Supported sales team in presentation of solutions to large customer teams.
- > Handled competing workstreams to deliver projects on time and to a high standard.

### Monash University

Technical Assistant & Unit Demonstrator

*January 2018 – March 2020*

- > Trained students in 3D printing, hand fabrication, and more in a safe environment.
- > Pro-actively assisted students with their designs for various engineering applications.

## Volunteering

### Monash Motorsport Formula Student Team

*2017 – 2021*

Chief Technical Officer (2020)

- > Programmed a steady state lap-time simulator in MATLAB to establish the relative effects of mass, aerodynamics, and power distribution.
- > Led the design of the team's first all-wheel-drive and driverless electric race car. Developed processes to enable the integration of designs from over 50 engineers.

Chassis & Suspension Team Member (2017-2019)

- > Learned to program and operate CNC machines, allowing the manufacture of high-performance suspension and powertrain components.
- > Competed in Germany, Austria, and the UK to achieve a 1<sup>st</sup> (ICE) and 3<sup>rd</sup> (EV) ranking out of over 600 universities.

## Technologies

### Programming Languages

Java, C, Python, JavaScript, C#, HTML/CSS, SQL.

### Frameworks & Tools

Vue, Git, Azure

## Professional development

edX, Inc.

Introduction to Computer Science · Harvard University (2023)

- > Developed an understanding of data structures, algorithms, security, and web development.
- > Gained familiarity with C, Python, SQL, JavaScript, plus CSS & HTML.

### Microsoft Learn

- > Build .NET applications with C#.
- > Microsoft Azure Fundamentals.

## Education

### Monash University

Bachelor of Mechanical Engineering (Honours)

*2016 - 2021*

## Projects

### Web Profile - geple.page

Single page web app built with Vue and Vue router to create a unique space to highlight my skills and future projects I will work on. Git is used for CD to a GitHub repository that Netlify automatically deploys.