

ADAM CARR

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Mechanical Design Engineer migrating to the Web3 world, passionate about the decentralised future and it's humanitarian implications

EDUCATION | SWINBURNE UNIVERSITY, MELBOURNE

Bachelor of Engineering (*Honours with Distinction*) (*Professional*), majoring in Product Design

March 2016 – November 2020

ENCODE

Solidity Bootcamp, 8 weeks

February 2023 - April 2023

6 hour weekly bootcamp with weekly projects, diving into writing Solidity smart contracts, contract testing, deployment, Web3 front ends, NodeJS & NestJS backends. Gained close familiarity with: EthersJS, HardHat, Chai

Solidity Foundations Bootcamp

November 2022

4 week bootcamp solidifying the fundamentals of solidity and the Ethereum Virtual Machine

EMPLOYMENT | OPERATIONS CONSULTANT & DEPLOYMENT TECHNICIAN,

GREY INNOVATION

January 2021 – December 2021

Working as a subcontractor in a front facing role, engaging with investors and clientele for the implementation of emerging bio-tech products in the New Zealand market.

MECHANICAL ENGINEER, GREY INNOVATION

January 2019 – May 2021

Starting off as an intern and moving up to a graduate in a fast-paced biotechnology commercialisation business. The role included mechanical design, stock management, production and validation & verification experience in an innovative and dynamic workplace.

**LEADERSHIP AND
EXTRA-
CURRICULAR
EXPERIENCE**

FORMULA SAE, TEAM SWINBURNE
Swinburne university, July 2018 – Current

Member of Swinburne's extra-curricular formula SAE team which designs, engineers and constructs an electric formula race car each to compete in the Australasian division of the worldwide SAE competition. Currently I am part of a team working on a one-piece carbon fibre wheel design for the car.

AWARDS

- Runner-up in industry partnered competition with Phoenix Tapware as part of Sustainable product design unit in 2017
W: www.phoenixtapware.com.au/
- Runner-up in global design competition run by Green Concept Furniture in 2017
W: www.greenfc.com/
- National People's Choice Award for Swinburne University's Product Design Engineering Challenge 2015
- State winner for Victoria for Swinburne University's Product Design Engineering Challenge 2015
W: www.goo.gl/F1HpcU

SKILLS & ABILITIES

- Javascript ES5, ES6
- Typescript
- Solidity Smart Contract development
- Business communication skills
- Design thinking and problem solving
- Macro-economic interest
- Charismatic and outgoing attitude
- High mathematical and analytical ability
- CAD 3D modelling in SolidWorks
- CAD Finite Element Analysis (FEA)
- Knowledge of engineering and manufacturing principles
- Highly proficient in Adobe photoshop & illustrator
- Can speak Spanish (B1) and Japanese (A2)

INTERESTS | Hiking, bike touring, audio production

REFERENCES | **JEFF HUGHES**, SENIOR MECHANICAL ENGINEER
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E: Jeff.hughes@Greyinnovation.com