


ADAM CARR

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Product Design Engineer migrating to the Web3 world, passionate about the decentralised future and its humanitarian implications.

EDUCATION

SWINBURNE UNIVERSITY, MELBOURNE

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

March 2016 – November 2020

ENCODE, Expert Solidity Bootcamp

October 2023 - Current

A 5 week highly selective bootcamp for excelling developers, delving deep into the inner workings of the EVM, library usage, Solidity Assembly and best practices.

ENCODE, Solidity Web3 Bootcamp

February 2023 - April 2023

An 8 week long intensive bootcamp with 6 hours of classes a week, weekend projects, and a final deliverable. This bootcamp covered diving into writing Solidity smart contracts, contract testing, deployment, Web3 front ends, NodeJS & NestJS backends. Gained close familiarity with: EthersJS, HardHat & React

ENCODE, Solidity Foundations Bootcamp

November 2022

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

EMPLOYMENT

ENVIRONMENTAL DRAFTING DESIGN & WEB DEVELOPMENT, FREELANCE

January 2022 - Current

Design contracting in the Environmental sector, creating technical design documentation using the Adobe suite and 2D CAD whilst also aiding with web branding presence in web design and graphic branding.

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, 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
- React
- Solidity Smart Contract development
- Business communication skills
- Design thinking, systems thinking & 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
- Spanish (B1) and Japanese (A2) ability

INTERESTS

World travel, Hiking, bike touring, music production

REFERENCES**JEFF HUGHES, SENIOR MECHANICAL ENGINEER**

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