MADDI FITZMAURICE

Caulfield North, VIC | maddi.fitzmaurice@gmail.com | LinkedIn | Github | Portfolio

SOFTWARE PROJECTS

Software Developer (Solo)
Ebay Clone Web Application (CS50W - Personal Project)

Completed 2025
Django
Python, CSS, HTML, SQLite

- Designed prototype layouts using Diagrams.net and Figma
- Used HTML Django page templates and CSS to create responsive pages
- Utilised the Django framework to build simple eCommerce functionality
- Designed a database model with Diagrams.net and implemented it with Django's ORM API and SQLite

Lead Programmer (Team - 11)
'Bound By A Dying Star' Game (University Capstone Project - PAX Aus)

Released 2024
Unity Engine
C#

- Implemented a hybrid event-driven / layered architecture for modular systems
- Maintained target FPS performance for PAX machines by teaching and enforcing good coding and Unity practices
- Championed Agile processes with the Producer by using Kanban tool TeamHood and Google Sheets
- Developed interaction and puzzle systems for designers and programmers by using interface segregation
- Worked with designers to develop software features using functional requirements and quality requirements

EDUCATION

Bachelor Of Computer Science
Swinburne University

Feb 2022 - Nov 2024

- Grade Point Average (GPA): 3.417 (4 point scale)
- Goldsmith Family Women in STEM Scholarship Recipient

CS50 Introduction to Courses
CS50x Harvard

2020 - Ongoing

- Introduction to Computer Science (Completed 2020)
- Introduction to Game Development (Completed 2022)
- Web Programming with Python and JavaScript (Ongoing)

Bachelor Of Media (Screen and Sound Production) with Distinction
University of New South Wales

Feb 2015 - Nov 2019

- Learned object-oriented programming skills during two years of Mechatronic Engineering before transferring in 2018 to Media

WORK EXPERIENCE & TRANSFERABLE SKILLS

eCommerce & Digital Marketing Manager
Rundles Cronulla (Women's Fashion Boutique)

Jul 2020 – Jan 2022

- Promoted from Coordinator role to Manager in 2021
- Managed WordPress website and Ecwid eCommerce platform
- Communicated with stakeholders (owners, in-store manager, website host) by providing task updates or reporting issues
- Analysed website issues and rectified them or reported them to host
- Led and collaborated with an in-house team responsible for the store's digital media screen, email campaigns, and social media accounts
- Met weekly deadlines when photographing, editing, and uploading product images

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- Assisted customers with technical issues encountered on the website via email and phone
- Provided ad hoc technical support for front-of-house staff members including internet, hardware, and POS system software issues
- Managed company assets with Google Drive and Docs Editor Suite

Inventory Database Officer   Jan 2020 - Jun 2020
Rundles Cronulla (Women's Fashion Boutique)
- Learned and navigated new eCommerce technologies such as VendPOS and Ecwid
- Investigated and rectified data discrepancies between Vend and Ecwid to ensure stock level accuracy

Modelling Photographer & Image Editor   Dec 2019 - Jun 2020
Rundles Cronulla (Women's Fashion Boutique)
- Colour-corrected raw images to ensure accurate representations of stock on eCommerce website and marketing materials

Sales Assistant   Jan 2016 - Dec 2019
Rundles Cronulla (Women's Fashion Boutique)
- Assisted customers in-store and over the phone
- Ensured cash float and banking reportings were accurate between Vend POS and EFTPOS machine

SKILLS & TOOLS

- Github
- Visual Studio, VSCode
- Jenkins, Docker

- Confluence, Notion
- Trello, Teamhood, Slack
- Figma, Diagrams.net

- C#, Python
- HTML, CSS
- JavaScript