

Oliver Sirota

PROFILE

Final year Engineering and Science student with broad technical and collaborative skills gained working in various student and professional teams. With a passion for software development, I am looking for a related role to develop my professional and technical skills as well as gain experience.

EXPERIENCE

IBL Intern | InfoCentric, Managed Services

July to Dec 2023

Industry Based Learning (IBL) placement at InfoCentric – an IT consulting firm specialising in cloud, data, and analytics services, working within the Managed Services team.

- Participated in weekly stand-up meetings with clients, gathering client requirements and reporting status updates.
- Solved defects and performed enhancements on client SQL databases, pipelines, and data visualisations.
- Monitored Azure data pipelines, Snowflake databases, Power Automate flows, and other related processes on a daily basis.

Technical Team Member | Monash DeepNeuron

April to Dec 2022

Student engineering team based at Monash University with a focus on solving real-world problems with machine learning.

- Developed and analysed reinforcement learning models as part of a team.

Research Assistant | SensiLab

June to July 2022

SensiLab is a technology-driven, design-focused research lab based at Monash University.

- Developed and documented a software library for the navigation of robots in C++ and Python.
- Devised a set of tests for the navigation of the robots and performed substantial testing to finetune the accuracy and precision of their movements.

CONTACT

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EDUCATION

Monash University

Bachelor's degree of Engineering and Science:

Specialisation in Software Engineering

Major in Computational Science

Minor in Psychology

McKinnon Secondary College

CERTIFICATION

- Azure Data Fundamentals (Microsoft)
- Dbt Fundamentals (dbt Labs)
- Neural Networks and Deep Learning (Coursera)
- SOLIDWORKS Associate in Mechanical Design (Dassault Systèmes)

INTERESTS

- AI and machine learning.
- Video editing.
- Game development.
- Music and piano.
- Sport and exercise.

TOOLS AND TECHNICAL SKILLS

REFEREES

Coding Languages

Python

JavaScript

C

PHP

SQL

HTML

C++

MATLAB

Java

CSS

C#

References available upon request.

Cloud Computing and Database Experience

Microsoft Azure

Snowflake

Azure DevOps

Power Automate

Azure Data Factory

Dbt

Azure Stream Analytics

Git

Design ExperienceDashboards and data visualisation
(Tableau, PowerBI, Vega lite)3D mechanical design
(SolidWorks CAD)

Interface design (Figma)

3D printing

Wireframing

Technical drawing

Storyboarding

Deep Learning Frameworks and Microcontroller Experience

PyTorch

Arduino

TensorFlow

CircuitPython

OS Experience

Windows

Linux