

# Oliver Sirota

## PROFILE

Fifth 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

### Program Assistant | GESAC

Feb 2022 to Present

- Ensuring smooth running of the swim school.
- Managing customer enquiries, complaints, and enrolments.
- Effectively handling any incidents that arise.

### Swim Teacher | Starfish Swim School, GESAC

Jan 2020 to Present

- Teaching swimming and aquatic safety skills to infants, children, and adults.
- Establishing a safe and enjoyable learning environment.
- Supervising and ensuring the safety of children.

### 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)
- First Aid and CPR.

## INTERESTS

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

**TOOLS AND TECHNICAL SKILLS****Coding Languages**

Python

JavaScript

C

PHP

SQL

HTML

C++

MATLAB

Java

CSS

C#

**Cloud Computing and Database Experience**

Microsoft Azure

Snowflake

Azure DevOps

Power Automate

Azure Data Factory

Dbt

Azure Stream Analytics

Git

**Design Experience**Dashboards 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

**REFEREES**

References available upon request.