

RYAN CLEMINSON

Software Developer | Student



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Career Goal

My career goal is to obtain a position as a cyber-security engineer, automation engineer, or machine-learning engineer within a reputable organisation. In this role, I aim to use my strong problem-solving and analytical skills to identify and mitigate security threats, optimize processes through automation, and develop machine-learning models that drive business value. I am also committed to continuously learning and staying up-to-date with the latest industry developments in order to bring a fresh perspective and innovative solutions to the organisation. I believe that my technical expertise and proactive approach would make me a valuable asset to any engineering team.

EXPERIENCE



Software Developer

Ericsson | Sep 2022— Current

- Developed Object Detect Machine Learning (ML) algorithm of Automation system in Python
- Led multiple consecutive platform migrations and project architectural customisations

Most proud of: Successfully migrated platforms in half the expected timeframe with minor post migration adjustments



Intern Developer

Ericsson | Feb 2022— Sep 2022

- Developed algorithms for Data Acquisition and Analysis using Python
- Developed application for Data Pre-processing and Handling using Python
- Involved in developing multiple Automation processes using JavaScript (JS)

Most proud of: Redeveloped a legacy application with significant improvement in functionality and security



Strategy and Analytics Coordinator

Lupo Digital | Jul 20— Jan21

- Involved in Strategy to campaign Implementation and oversight
- Lead in SEO strategy and technical SEO implementation oversight
- Lead in Data Analytics and Management

Most proud of: Implemented an SEO strategy which resulted in a 700% increase in company's organic traffic and a 267% increase in marketable contacts.

EDUCATION



Bachelors of Engineering (Honours) , Diploma of Professional Engineering Practice

Planned Major: Data Engineering (Minor: Cyber Security)

University of Technology, Sydney | Feb 2019 — Oct 2023

- Scored 100% in Database Fundamentals
- Scored 96% in Machine Learning
- Scored 95% in Digital Forensics

GPA: 6.27/7 (Distinction)

WAM: 81.83

OVERALL MOST PROUD OF

Co-Author of two scientific publications in the International Journal of Adolescent Medicine and Health

- Assessment of Anxiety in Adolescents Involved in Study Abroad Program: A Prospective Study - 2017
- Hemihyperplasia/Hemihypertrophy in Adolescents: A Prospective International Study - 2018

SKILLS

Programming Languages:

Python, JavaScript, Postgres, SQL, Java, C, MATLAB

Language Libraries:

Python (NumPy, SKLearn, Pandas, Matplotlib, YOLOv5, Selenium, requests)

Software's:

Linux Shell, Git, Development IDEs, Adobe Suite, Issue Tracking Tools (i.e Jira), MS Office Suite, MS Admin Tools, EndNote, Wireshark.