SIMARDEEP SINGH

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EDUCATION

University of New South Wales (UNSW)
Bachelor of **Law** / Bachelor of **Computer Science** (2018-2023)

Penrith High School
2017 ATAR: 98.35

- Achieved a mark of 100 in Extension 1 Mathematics

WORK EXPERIENCE

Junior Developer | CryptoTaxCalculator
Nov 2020 - June 2023

- Full stack software development using a MERN stack and agile workflows
- Sourced and transformed data (TypeScript Backend) from multiple exchanges using CSV files and API calls
- Implemented authentication flow and user experience for 10,000+ customers using React and Gatsby
- Collaborated with Product, Design, Marketing and Sales teams to implement features such as the Accountant Portal (https://cryptotaxcalculator.io/pricing/accountant-bookkeeper/)
- Helped achieve SOC2 Type 1 Security compliance, by enforcing and documenting security protocols for organization, permissions, credentials, product and infrastructure

Technology, Data & Innovation (Vacationer) | KPMG Australia
Dec 2021 - Feb 2022

- Built automated solutions and scripts for KPMG clients using python and SQL
- Assisted clients with migrating technical data through visualization tools such as Power BI and Tableau
- Analysed change impact and provided risk mitigation strategies for migration between services

Resolutions Specialist | Nine Entertainment Co.
Dec 2018 - Jul 2019

- Ensured that customer escalations are managed to professional standards and within terms and policies
- Worked on ad-hoc customer improvement projects; conducting surveys, extracting system data and liaising with senior executives to prepare SWOT analysis & trend reports

Piano Teacher | Self Employed
Jan 2018 - March 2020

- Completed grade 8 piano, and began teaching shortly after to assist young students learn piano fundamentals and music theory
- Taught both AMEB music grades as well as Indian classical music theory to help students progress and advance their skills

PERSONAL PROJECTS

LiveStock - a Stock Investment Portfolio and Watchlist website

- Culminated my Computer Science Degree with a group project where we built a Stock Investment Portfolio and Watchlist website (full-stack application) and received a Distinction mark

AWS Coding Competition - Amazalgo (University) 2019

- Placed in top 15 for a team based challenge for solving algorithm based questions in python

Google Hash Code 2021

- Collaborated with a team of 3 to implement a traffic scheduling system, placing in the top 20 teams for Australia

Slakr, A Slack App Clone

- Led a team of four in constructing a backend for a provided frontend specification (Flask and Python)
- Employed agile principles of software development

VOLUNTEERING & EXTRA CURRICULAR

United Nations Society Executive Cabinet

Dec 2019 - Dec 2020

- As Grievance Officer, I communicated with the board to negotiate agreements and handle grievances and reports

Yellow Shirts Program

Nov 2019 - Feb 2020

- UNSW program catered to personal development and assisting first-year students with their transition to university

Piano & Drums

Jan 2014 - Present

- Have completed grade 8 in piano, and participated in a band playing drums, having performed most recently at UNSW O-week

Bhangra All Stars Sydney

Jan 2015 - Present

- Performer for this cultural organization, having competed nationally (Placed 1st) and globally (Placed 2nd) and also organized trials, class structures and recruitment advertising

Toongabbie Demons Football Club Captain

Mar 2011 - Sep 2017

- 7 years overall of club football as a player, during which I was captain for the final 3 years

SKILLS

C, C++, LINUX

Python, SQL , GIT

Java, HTML/CSS

JS (React, Next, Gatsby, Solid)

Microsoft Word

Microsoft Excel

Microsoft Outlook

Microsoft PowerPoint