

# 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

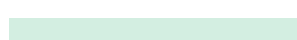
- 7 years overall of club football as a player, during which I was captain for the final 3 years

## SKILLS

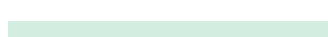
C, C++, LINUX



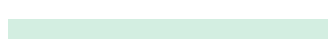
Python, SQL, GIT



Java, HTML/CSS

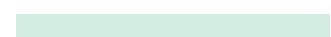


JS (React, Next, Gatsby,

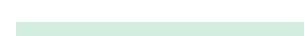


Solid)

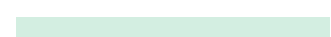
Microsoft Word



Microsoft Excel



Microsoft Outlook



Microsoft PowerPoint

