

Saksham Singh

sakshamsin05@gmail.com • [Personal Website](#) • [Linkedin Profile](#)

EDUCATION

Bachelor of Commerce & Computer Science | Monash University, Clayton, Victoria

Feb 2024 - Dec 2027

- Specialisation: Advanced Computer Science | Major: Economics
- WAM: High Distinction (90.75) | GPA: 4.0

Victorian Certificate of Education | Melbourne High School, South Yarra, Victoria

Feb 2020 - Dec 2023

- ATAR: 98.95 | Melbourne High School Subject Dux Award
- Victorian Premier's Award in VCE Software Development

WORK EXPERIENCE AND COMMUNITY INVOLVEMENT

Programming Teaching Associate | Monash University, Clayton, Victoria

Feb 2025 - Present

- Classroom academic for [FIT1045](#), teaching programming in Python to a cohort of over 2000 students
- Cover various Python concepts such as object oriented programming, recursion and unit testing through classes
- Work in a team of over 30 staff to regularly deliver content in weekly classes, assessments, workshops and consultations

Marketing Officer | WIRED, Monash University, Clayton, Victoria

Feb 2024 - Present

- Work extensively in a big team to grow the club's social media presence to thousands of followers
- Represented the club as an ancillary member in various internal and external events relating to the IT field

Programming Bootcamp Volunteer | Monash University, Clayton, Victoria

Jul 2024, Feb 2025

- Volunteered as part of a student-led initiative to support incoming postgraduate and undergraduate students
- Helped to teach over 300 students basic programming concepts such as loops and functions over a 2-day period

PROJECTS

Nature's Rescue | Lua, Love2D, GLSL Shaders, Web Building

comingthruu.itch.io

- Placed 5th overall in the CISSA x GMC 2025 GameJam with over 200 participants and judges from Riot Games
- Worked in a team of three developers and one artist to deliver a complete and fully playable game in 3 days

MonashReflect | Flask, Python, Jinja2, PostGreSQL, SQLite, AWS Lambda, SQLAlchemy, AJAX

www.monashreflect.com

- Created a full stack Flask website to allow Monash University students to review units and contact other students
- Made from scratch with another developer in under 5 days as part of a challenge to deliver a full stack website
- Included various features for optimal user experience such as account management, review voting and commenting

LeBallatro | Lua, Love2D, Python, LuaJT, Web Scraping, Pillow, GLSL Shaders, Rest API

(not available to public)

- Basketball card game inspired by poker, created in collaboration with another developer using the Love2D Engine
- Used APIs and scraping to accumulate raw data from 1k+ players, and analysed them to output final in-game stats
- Learnt graphic shader manipulation to control 2D graphics with 3D effects, and image generation for creating cards

Anime Higher or Lower | HTML, CSS, Javascript, Rest API, Web Scraping, Git, Amazon Web Services

www.animehol.com

- Accumulated over 100k visits, and more than 1.5 million views on YouTube videos by content creators
- Online entertainment website based on The Higher Lower Game but for Japanese shows and comics
- Utilised APIs to scrape the web for data on ratings, and pure HTML, CSS and JS to create the website

Coding Languages: Python, Java, Javascript (ThreeJS), Lua, SQLite

Spoken Languages: English (Native Proficiency), Hindi (Native Proficiency), Japanese (Intermediate Working Proficiency)