

Evan Willcocks

Perth WA, Carine 6020

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EDUCATION

Bachelor of Science (Software Engineering, Mathematics)

February 2020 - Present

University of Western Australia

Due to complete course in November 2022

Course GPA: 6.1

Achieved High Distinctions in units CITS3004, MATH2021, CITS1001

WACE Achievement

February 2015 - November 2019

Carine Senior High School

Certificate II in information, digital media and technology (ICT 20115)

ATAR 96.45

SKILLS

- Programming languages – Java, C, Python, SQL, HTML, CSS, JavaScript
- Systems programming in C
- Data analysis and data warehousing
- Web development
- Competent in cloud computing services
- Identify and mitigate various cyberattacks and vulnerabilities
- Well-versed in cryptosystems and hash/encryption algorithms
- Proficient in complex networks and structures including agent-based models
- Critical understanding of chaotic dynamical systems

EXPERIENCE

4CDA

June 2022 – July 2022

Data Analyst Intern

- Construction of data pipeline from a web API to a PostgreSQL database utilising python and AWS
- Visualise data using Tableau
- Identify and integrate useful data sources
- Process data with python and SQL
- Time series analysis and development of time series generation tool

EXTRA-CURRICULAR EXPERIENCE

UWA Information Security Society (UISS)

August 2021 - Present

UWACTF Competitor

- Participation in two capture the flag competitions
- Perform various cyberattacks on CTF infrastructure including DoS attacks, buffer overflow, SQLi, NoSQL, sniffing, spoofing, and decrypting encrypted data
- Assist other competitors with difficult challenges

Seasonal Lifeguard

- Enable a safe beach environment
- Provide first responder capabilities
- Positive public engagement
- Support the lifeguard academy
- Work closely with peers as a team

Mesh Bar, Crown Casino

November 2020 - December 2021

Bar Useful

- Clean and maintain bar and floor areas
- Restock and replenish bar inventory and supplies
- Close and open bar
- Mix and serve drinks to customers

VOLUNTEER EXPERIENCE

Sorrento SLSC

September 2015 - Present

Surf Life Saver

- Completion of multiple awards: Bronze Medallion, Advanced Resuscitation Techniques [AID], Silver Medallion IRB Driver and RWC (jet ski) Operator
- Commitment to yearly requalification
- Analyse beach safety, identify any hazards and determine methodical solutions to any issues
- Communicate with public and provide a high standard of community service
- Supervise junior patrol members
- Conduct maintenance of beach and rescue equipment as well as beach cleanliness

REFEREES

Mike Matraszek
Metro Lifeguard Supervisor
SLSWA
Ph: 0432 432 908

Malcolm Judge
Patrol Captain
Sorrento SLSC
Ph: 0438 933 236
Email: Malcolm.Judge@riotinto.com