

Kinzey Rahardja

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Computer Science Penultimate Student

SUMMARY

Passionate for programming and a committed penultimate student looking for a role in front-end web development creating customer tailored products. I'm a motivated and proactive learner with a strong mindset for personal growth and a desire to absorb opportunities, skills and experiences. With strong interpersonal and collaborative skills, I can work effectively in a team to learn from others, compromise when necessary, or take leadership when needed. I plan to develop into a senior front-end developer over the next six years.

EDUCATION

Bachelor of Computer Science (Security Engineering) | UNSW

2019 - 2023 Term 1

- Started from a two year background in Mechatronics Engineering before pursuing Computer Science in my third year.
- **WAM:** 82.6 (Term 3 2021)
- **Achievements:** Finalist MAC x Hack Sprint Hackathon: *Connect Cafe* (2021) [Flask, Pytest, React, Figma], Newbie CTF Comp with SecSoc UNSW (2021), Highly commended in Dean's Honours List in School of Mechanical Engineering (2019)
- **Extracurricular:** Weekly Perry Park Volleyball Division 3 (2022), X-point Weekly Rockdale Men's Tennis Team (2020-2021), Campus Bible Study (Small Groups, Core Training, Indonesian Bible Study), St George's Anglican Youth Group Leader
- **Additional self-education on Udeemy:** The Complete Web Developer 2022: Zero to Mastery, The Complete SQL Bootcamp 2022: Zero to Hero

Sydney Boys High School

2013 - 2018 | 98.8 ATAR

- **Awards:** High Plaque for high level participation in school life (2018), Merit List (top 20% overall academic grade) (2016 - 2018), Most Efficient Cadet in SHCU for exemplary behaviour (2017), NCSS Grok Programming Intermediate Course perfect score (2016), High Distinction for Australian Computational Thinking Competition (2016)
- **Extracurricular:** Army Cadets Unit (2015 - 2017), 2nd Grade Team Captain (2018), Fencing First Grade Sabre Team Captain (2017), 2nd Grade Tennis (2018), 3rd Grade Tennis Team (2016 - 2017), 2nd place in AAGPS 2nd Grade Tennis Premiership (2017), Team Captain for A Team (2013 - 2015)
- **Additional self-projects:** Tetris [Pygame + Python] (2016), Minesweeper [Pygame + Python] (2016)

PROFESSIONAL EXPERIENCE

Schindler Lifts Australia | Intern (Programming and Mechanical)

June 2021 - Current

The Schindler Group is a Swiss multinational company which manufactures escalators, moving walkways, and elevators worldwide



Schindler

- Developed a Reliability Metrics Tool App in Microsoft Access through a combination of SQL and VBA.
 - **The aim:** to have a centralised front-end that produces meaningful reliability metrics and graphs for non-technical Sales and Technical managers across Schindler Australia. Works off a single back-end database of multiple tables that has a developed GUI to allow for easy importing of several data sources from Schindler's SAP Software.
 - Used *Lucid Chart* for documentation on the query hierarchy. Used *One Note* and *Microsoft Teams* for organisation of project requirements, testing, validation, and change logs. Had weekly meetings with Project Manager on latest version of the App.
- Developed a Technician Compliance Excel Interface for Schindler's non-technical national EHS Manager.
 - Opens multiple excel data dumps of safety courses completed to produce an overview, per state, of each Technician. Used buttons and visual graphics to automate the process.
 - Included a non-technical visual output log of error-causing entries to allow for Manager to resolve.
- Helped in smaller settings on various Excel VBA and Microsoft Access Database problems for work colleagues.
- Did mechanical research to design a scissor lift to problem solve for technicians injuring their lower spine from lifting the control box out of escalator pit. Provided technical analysis and feasibility report.

Phoenix Education | Tutor

Oct 2019 - 2021

Group class teacher for Year 12 students (30 employees)

- Tutored 10+ preliminary and HSC students, specialising in Physics, Engineering Mechanics and 3U Maths.
- Prepared resources for students outside of working hours, including class content, homework and quizzes.
- Developed interpersonal and communication skills for lessons to be customised to the needs of individual students.
- My strength is to understand complex concepts to present in a simple but accurate manner.

SKILLS

Technical

- Web Development tools: NPM, React [Webpack], GitHub/Gitlab
- Programming languages: HTML CSS JS: React JS [2021-2022], Python [2016, 2021- 2022], VBA [2021-2022], Bricx for Lego Mindstorms [2016-2018], C and C++ [2019-2020], MATLAB [2020], PostgreSQL [2020].
- Numerical and computing packages: Solidworks and Maple.
- Languages: Fluent in English and Indonesian, developing in Mandarin.
- Telecommunication skills: Zoom, Slack, Microsoft Teams, Google Meet.

Soft

- Strong perseverance and problem solving developed through a life within competitive sport settings
- History of strong written, verbal and intercultural communication and listening skills demonstrated through team sports, managing group projects and teaching
- Ability to accept and apply feedback with a strong desire to learn

REFERRALS

- Schindler Metrics Tool Project Manager : Thomas White | 0447 951 552
- Schindler Supervisor and Technical Director : Geof Devitt | 0417 513 476