Lorenzo Grillo

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Technologies

Languages: C, C++, Rust, Java, SQL, Python, JS, TS, Haskell

Frameworks and tools: ReactJS, Docker

Education

BSc **University of New South Wales (UNSW)**, Computer Science Feb 2021 – Mar 2025
- **Distinction** average
- 2021 Dean's Honour List (Engineering faculty)

Sydney Grammar School, Higher School Certificate Jan 2015 – Nov 2020
- 98.35 ATAR
- Holder of the **Alistair Mackerras Scholarship** - one of 24 full academic scholarships
- Academic Exhibition - award for **High Distinction** average

Relevant Experience

Dymocks Tutoring, Tutor and Content Writer Parramatta, NSW
  Jan 2021 – Nov 2021
- Developed lesson plans for and conducted 3 weekly lessons, each with 5+ students, for Mathematics curricula from primary to HSC level
- Produced tailored lesson and homework plans to cater to the differing abilities of students within each class
- Identified and communicated students in need of particular attention to support team, collaborated with team to develop special learning plans and adjust for different levels of proficiency and learning styles

Additional Experience

Seek Pass (formerly Certsy), Verification Officer North Sydney, NSW
  Sept 2022 – Mar 2024
- Inspected and processed 800+ credentials per day against government databases in a secure and efficient manner
- Successfully advocated for and benchmarked improvements to the Verification Officer workflow such as improved tracking of completed credentials and automated credential switching
- Provided training data for ML-powered parsing of Australian Driver's Licences (reduced no. manual verifications needed by >50%)
- Constructed flowcharts for multiple document verification workflows for use in internal documentation

Amici Ristorante Pizzeria, Waiter and Technical Assistant Cammeray, NSW
  Dec 2021 – Sept 2022
- Set up and managed restaurant website and online ordering page viewed by 3,000+ visitors a month
- Provided high-quality customer service to 30+ customers per night while taking online and phone takeaway orders
- Provided delivery services in the local Lower North Shore area, servicing up to 20 orders per night

Kmart, Customer Service Assistant Brookvale, NSW
  Apr 2021 – June 2021
- Contributed to initial set-up of store at new location, populating all warehouse and floor shelving within 2 weeks

- Performed and collaborated with floor and warehouse managers on multiple facets of floor operation in a busy mall location, including friendly customer service, restocking, cashier operation, and processing returns

Extracurricular Involvement

UNSW Tabletop Games Society, Events Subcommittee Member

Kensington, NSW
Mar 2022 – Feb 2023

- Assisted new and returning students at weekly boardgame events in learning how to play in-depth boardgames and utilise advanced strategies
- Regularly attended meetings to learn new boardgames in order to broaden my horizons for recommendations and tips
- Collaborated with other Subcommittee members to supervise out-of-campus events such as picnics and movie nights

Skills

- Program safety and correctness
- Algorithm design
- "Informal" verification methods
- Static program semantics
- Systems-level programming
- RESTful API design
- JS frontend frameworks
- Functional programming
- API design and refactoring
- Working and communicating effectively in a Sprint team

References

Available upon request.