

# Lorenzo Grillo

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[github.com/ignisnl](https://github.com/ignisnl)

## Technologies


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

**Frameworks and tools:** ReactJS, Docker

## Education

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- BSc   University of New South Wales (UNSW)**, Computer Science   Feb 2021 – Mar 2025
- **Distinction** average
  - 2021 Dean's Honour List (Engineering faculty)
  - Notable COMP course marks available at [ignisnl.github.io/marks](https://ignisnl.github.io/marks) 
- 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

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- 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

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- 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 AssistantBrookvale, 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

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**UNSW Tabletop Games Society**, Events Subcommittee MemberKensington, 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

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- 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

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Available upon request.