

# Dennis Gann

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Philadelphia, PA • Sydney, Australia

## Education

- University of New South Wales, Sydney** ..... February 2017 - December 2021  
*Bachelor of Engineering (Honours) Software Engineering*  
Co-op Professional Development Program Scholar, UNSW All Rounder  
High Distinction WAM/(GPA). Awards & Prizes for academic excellence:
- UNSW Student Exchange Achievement Award
  - The Optiver SENG3011 Award for 1st Place in Software Engineering Workshop 3
  - The Atlassian Prize for 2nd Place in COMP2511 Object-Oriented Design & Programming
  - The Macquarie Group Prize for 1st Place in SENG2021 Software Engineering Workshop 2B
  - Dean's Honours List - Highly Commended (2018, 2019)
- University of Pennsylvania, Philadelphia** ..... August 2019 - December 2019  
*School of Engineering and Applied Science*  
Exchange Program, Fall Semester. Computer Science Major.

## Experience

- University of Pennsylvania, Teaching Assistant** ..... August 2019 - present  
*Department of Computer and Information Science*
- Design and grading of assignments for *CIS557 - Programming for the Web* course with 80 students.
  - Conduct office hours, provide feedback to students and review & develop course materials.
- University of New South Wales, Casual Academic/Tutor** ..... July 2018 - May 2019  
*School of Computer Science and Engineering*
- Facilitated tutorials & laboratory classes to deliver course content for courses of up to 400 students.
  - Taught Programming Fundamentals (C), Software Engineering (Python) and OOP (Java).
  - Graded & evaluated work, developed content, explained concepts and provided feedback students.
- Commonwealth Bank, Backend Engineering Intern** ..... November 2018 - February 2019
- Improved and developed the RESTful APIs that power the award-winning CommBank App.
  - Engineered performance improvements & new endpoints to enable Simple Balance rollout to 5 million users, upgraded caching & programmed feature switches for piloting and A/B testing.
- OFX, Junior Software Engineer** ..... March 2018 - November 2018
- Joined the Mobile App Agile product team and built & contributed to multiple critical features.
  - Involved in architectural design, testing/QA, code review and planning & execution of releases.
- OFX, Software Engineering Intern** ..... November 2017 - February 2018
- Developed Mobile App settings page and electronic ID verification functionality using React Native.
  - Improved a biometric authentication bridge library, localisation (l10/i18n) and in-app notifications.
  - Constructed transaction history page and its components from the ground up, and built user menu.

## Skills

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|------------------------------|--|
| <b>Development</b>           | C/ C++ , Java, C#, Python, JS/TS, PHP, Perl, SQL, $\LaTeX$         |
| <b>Tools &amp; Libraries</b> | Node, React, React Native, CI/CD, Docker, Bash, Linux              |
| <b>Community</b>             | Teaching, Leadership, Youth Mentoring & Development                |
| <b>Collaboration</b>         | Git, Bitbucket & GitHub, Agile, Scrum, IRC/Slack, Jira, Confluence |

## Volunteer Work & Activities

- Australian Air Force Cadets, Instructor of Cadets** ..... August 2017 - May 2019  
As Training Manager, responsible for overseeing the planning & execution of activities and cadet training. Instruction and mentoring of cadets in leadership and various aviation related disciplines.
- UNSW Co-operative Society, IT Director** ..... February 2018 - February 2019  
Support societies' digital presence; website, social, event ticketing, ecommerce and communications.