Andrew Jin-Meng Wong

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featherbear.cc

github.com/featherbear

Code monkey, hardware enthusiast, photographer and wannabe musician.
Also really interested in audio/visual production, flashing lights and all that bass 🔊

Currently a Computer Engineering student at the University of New South Wales.

Education

University - UNSW Sydney (current)

Expected Graduation: 2022

Computer Engineering (2020 - present)
Electrical Engineering / Computer Science (2018 - 2019)

- First place in CSE x SecSoc CTF 2021
- First place in CSE x SecSoc CTF 2020
- First place in Web Application Security and Testing / COMP6[84]43

High School - Sydney Technical High School

- First place in Electronics
- First place in Software Design and Development
- First place in Information Processes & Technology
- Deputy Principals' Prize for Senior Contribution to School Life (2017)
- School Prefect (2017)

💻 Computing

Interested in things related to security, multimedia and communications.

Security
In this day and age, information security has been the forefront of attention time and time again. I've come to appreciate the necessity to both understand and promote cyber vigilance to all. I've written a RAT, fuzzer, and even my very own Capture The Flag server, as well as having taught several security courses at UNSW. Oh and I once came first in a CTF!

Multimedia
Giant LED walls, live show programming, geeking out on new microphones, cameras, stacking

layers of compression… Digital technology has continued to improve the production value of TV, music, videos, theatre, concerts and so much more. These have been my creative outlets - spending time doing AVL, photography, videography and music. Combine these things with tech, and it gets so much more interesting! I've worked on several projects that have enabled me to tie my interests together and enjoy them simultaneously!

Showcase

📂 Portfolio available at featherbear.cc/programming

Experience

- Software
    - Security Engineer @ Atlassian (2021/2022 Summer Program)
    - Ryndeum (2019 - 2021)
    - UNSW Hospitality (2019 - 2020)
    - RICE Movement (2017 - 2019)
    - South-West Evangelical Church (2017 - 2018)
    - Freelance
- Teaching
    - Private Tutor
    - Casual Academic @ UNSW Sydney (2019 - present)
    - Workshop Organiser @ CSE CompClub (2019 Summer)
    - Mentor @ CSE CompClub (2018 Winter)

Awards

- UNSW
    - First in CSE x SecSoc CTF 2021 Competition
    - First in CSE x SecSoc CTF 2020 Competition
    - First in Web Application Security and Testing course (COMP6[84]43)
    - CommBank Cyber Security Prize (2020)
- High School
    - First in HSC Software Design & Development (2016)
    - First in HSC Information Processes & Technology (2015)
    - First in Electronics (2014, 2015)
- ICAS Computer Skills High Distinction (2008 - 2015)
- NCSS/Grok Python Programming Challenge
    - Advanced Award - High Distinction (2015 - 2016)
    - Intermediate Award - Perfect Score (2012 - 2014)
    - Beginners Award - Perfect Score (2011)

🎤 Audio / Visual 📸

Experience

- Two Hands Lifted (2020 - 2021)
    - Provision of livestreaming services inclusive of wedding events and corporate functions.
- Sound Engineer @ CSE Revue (2021)
- Camera Operator @ KCC KYCK (2021)
- Broadcast Engineer @ UNSW Sydney (2021)

- Production Co-ordinator @ South-West Evangelical Church (2018 - 2021)
  - Planning and integration AVL and networking equipment
  - Training of volunteers to operate software and equipment
- Event Technician @ UNSW Hospitality Sydney (2018 - 2020)
- AV Technician @ RICE Movement (2017 - 2021)
- Service Technician @ Lightsounds (2015 - 2016)
  - Maintenance and repair of AVL equipment
  - Preparation, check-out and check-in of hire equipment
- Production Head @ STHS Sound & Lighting Crew (2014 - 2017)

Events

- CSE Revue 2021 - FOH Engineer
- KYCK 2021 - Camera Operator
- RICE Rally 2019 - Graphics Operator
- RICE Rally 2018 - Teleprompter Operator, Graphics Operator

Awards

- Certificate of Appreciation - Sound and Lighting @ Public Schools NSW (2015)

Other Cool Stuff

🎧 Music

Clarinet, Saxophone, Trumpet and Guitar!
Currently figuring out how to hold a violin…

- High School Concert Band, Stage Band, Strings Ensemble, Guitar Ensemble
- OBU Music Trophy - “Most Improved Instrumentalist” (2015)
- Engadine Music Bandfest (2009 - 2016)

🏓 Sports!

Table Tennis! I also got into bouldering and climbing recently…

Back in highschool, I represented my school in their 1st Grade Opens A team for multiple years. Whilst younger, I also represented them in the Under 14s A team.

🤼 Community

- Jericho Road Park Patrol (29/04/15)
  - Preparation and delivery of free hampers to homeless people around the Sydney CBD
- Office Assistant @ Kirkplace Presbyterian Church (2015)
- Sculptures By The Sea @ Bondi (2015, 2019)
  - Selling of merchandise
  - Collection of pedestrian traffic metrics
  - Direction and flow control of visitors
- Leichardt Charity Concert Band (2010)
  - Collaborated with other local school bands to play music in a charity fundraising event
- Gannon Gardens Hurstville Carols (2008)
  - Sung Christmas carols to residents of an age care facility
- High School
  - Yearbook Committee (2017)

- Dance Committee (2015 - 2016)
- Christian Group Leader (2014 - 2017)
- Peer Support Leader (2014 - 2015)