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github.com/featherbear



\$> Hardware hacker by day, a different sort of hacker by night... Software, Multimedia, AV / Event Production

2023 Security Engineer @ Atlassian

Thesis Publication

"Smart" Vacuum Cleaners - An Audit Into The Security and Integrity of IoT Systems

Research & Development Engineer @ Audinate

2021 Security Engineer @ Atlassian

First in CSE x SecSoc CTF Competition

CommBank Cyber Prize

Received an award in recognition of excellence in COMP6843 (Extended Web Application Security)

Broadcast Engineer @ UNSW Sydney

Livestreaming of university events and lectures

2020 First in COMP6[84]43 Course

Web Application Security and Testing

First in CSE x SecSoc CTF Competition

Two Hands Lifted 2020 - present

Wedding Videography and Livestreaming

2019 Volunteer @ Sculpture by the Sea 2015, 2019

Computer Science Tutor @ UNSW Sydney 2019 - present

Teaching of higher level Computer Science courses and extended UG/PG Cyber Security streams

Workshop Content Writer @ CSE CompClub 2019 Summer

Created workshop content about information security and security engineering.

Ryndeum 2019 - present

Software Solutions

2018 Mentor @ CSE CompClub 2018 Winter

Event Technician @ UNSW Hospitality 2018 - 2020

Started Electrical Engineering / Computer Science at UNSW Sydney

School Prefect

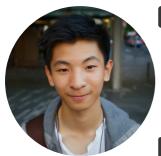
First in Information Processes & Technology

First in Software Design & Development

First in Electronics

Deputy Principals' Prize for Senior Contribution to School Life

Andrew Jin-Meng Wong



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Hardware hacker by day, a different sort of hacker by night... Software, Multimedia, AV / Event Production

Education

University | UNSW Sydney

Computer Engineering (2020 - 2023) Electrical Engineering / Computer Science (2018 - 2019)

- First Class Honours
 - Thesis: "Smart" Vacuum Cleaners An Audit Into The Security and Integrity of IoT Systems
- 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)

About Me | Computing and "Cyber"

Showcase



Portfolio available at featherbear.cc/programming

Experience

Software

- Security Engineer @ Atlassian (2021 present)
- Research & Development Engineer @ Audinate (2022 2023)
- Software Engineer @ Ryndeum (2019 2021)
- Software Engineer @ UNSW Hospitality (2019 2020)
- Systems Administrator @ RICE Movement (2017 2019)
- Systems Administrator @ South-West Evangelical Church (2017 2018)
- Freelance
- Teaching
 - Private Tutor
 - o Casual Academic @ UNSW Sydney (2019 2023)
 - Workshop Organiser @ CSE CompClub (2019 Summer)
 - Mentor @ CSE CompClub (2018 Winter)

Awards

- UNSW
 - Computer Engineering (First Class Honours)
 - 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)
 - First in Operating Systems (COMP3231)
 - 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)



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!

Experience

- Two Hands Lifted (2020 2023)
 - Consultation for the sales and installation of audio/visual gear
 - Livestreaming services for weddings and corporate functions.
- Sound Engineer @ CSE Revue (2021)
- Camera Operator @ KCC KYCK (2021 2023)

- Broadcast Engineer @ UNSW Sydney (2021 2023)
- Production Co-ordinator @ South-West Evangelical Church (2018 2023)
 - 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 2022)
- Service Technician @ Lightsounds (2015 2016)
 - Maintenance and repair of AVL equipment
 - o Preparation, check-out and check-in of hire equipment
- Production Head @ STHS Sound & Lighting Crew (2014 2017)

Volunteer Events

- CSE Revue 2021 FOH Engineer
- KYCK 2022 Camera Operator
- 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)