

# Joseph Surin

📞 0410 163 826

✉ joseph.surin@gmail.com

🌐 GitHub: josephsurin

🌐 Blog: josephsurin.me

---

## EDUCATION

- Mar '19–Dec '21 **University of Melbourne** Melbourne, VIC  
*Bachelor of Science (Computing & Software Systems Major) as a Chancellor's Scholar (WAM: 92.625/100)*  
Coursework includes: Calculus 2, Linear Algebra, Real Analysis, Vector Calculus, Foundations of Computing, Foundations of Algorithms, Database Systems, Design of Algorithms, Object Oriented Software Design
- Feb '13–Nov '18 **Ellenbrook Secondary College** Perth, WA  
*Western Australian Certificate of Education (ATAR: 99.90)*  
School DUX Award Winner | School Subject Award Winner for Computer Science, Mathematics Methods, Mathematics Specialist, Physics | State Subject Excellence Award for Mathematics Methods, Physics

---

## LEADERSHIP & ACTIVITIES

- Sep '19–Present **University of Melbourne Information Security Club** President
- Lead a committee of 6 other students
  - Planned and coordinated club events and workshops
  - Liaised with other clubs and societies for collaboration opportunities
  - Liaised with industry professionals to organise sponsorships and cohosting of industry events
  - Planned and executed advertising campaigns for events
  - Designed and built club website
  - Deployed new CTF platform for easier access to the wider community
- May '19–Sep '19 **University of Melbourne Information Security Club** General Committee
- Created learning material on various topics in information security
  - Delivered interactive workshops/lectures to classes of 20 – 50 university students
  - Developed and deployed a platform (Discord bot) to facilitate the serving and submission of Capture-The-Flag challenges
  - Authored and published various Capture-The-Flag challenges; topics including Cryptography, Reverse Engineering, Steganography, Web
  - Participated in Capture-The-Flag competitions on behalf of the club

---

## EXPERIENCE

Mar '19–Sep '19

### **The Young Australian Problem Solver**

IT Co-Director

Maintained organisation website (AngularJS) and implemented search engine optimisations for the website. Set up and used Google Analytics to track website traffic and effectiveness of various online marketing campaigns. Contributed to meetings with reports on analytics.

---

## TECHNICAL

Git, Python, HTML/(S)CSS, JavaScript (NodeJS, React, Redux, Angular, GatsbyJS), GraphQL, SQL (MySQL), NoSQL (MongoDB), C, Java, LISP (Racket), SageMath, Docker, Cloud Services (Heroku, DigitalOcean, GCP), Bash, Linux, Vim

---

## INTERESTS

Information Security, CTF Competitions, Web App Security, Cryptography, Reverse Engineering, Puzzles, Mathematics, Chess, Linux, Blogging