

# MITCHELL SHELTON

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## EDUCATION

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**University of New South Wales**

February 2016 - Present

*B. Science (Computer Science), Distinction Weighted Average Mark*

## EXPERIENCE

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**UNSW**

June 2017 - March 2018

*Game Developer*

- Developed an educational cyber security game called A.L.I.C.E to improve student and staff awareness of security.
- Consisted of topics such as password brute-forcing, phishing and social engineering.
- Currently available on the IOS and Android play stores.

**UNSW**

June 2016 - Present

*Academic Tutor*

- Teaching COMP1511 Introduction to Programming and COMP2521 Data Structures and Algorithms

**Astron Telecommunications**

November 2016 - March 2017

*Product Review Analyst*

- Conducted testing of various routers/modems and carried out research on current networking trends.
- Created reports and user guides for customers and employees.

## SELECTED PROJECTS

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### **SIRIUS - Machine Learning and Natural Language Processing**

- SIRIUS aims to provide students instantaneous feedback on their course work. By utilising machine learning, it compares student solutions to its own knowledge of the topic.
- SIRIUS learns through textbooks and correct solutions to topics.

### **EY P&U Blockchain Maintenance Cycle Asset Management System**

- Participated in the UNSW Compass Program in collaboration with EY where we developed a blockchain solution for Power and Utilities Maintenance Cycle Asset Management using the hyperledger framework.

## KEY EXTRACURRICULARS

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**Security Society UNSW**

December 2016 - October 2017

*Executive*

- Organised security events with sponsors.
- Co-ordinated the creation of a diverse range of CTF challenges for security events.
- Set up event infrastructure such as an online scoreboard, website and team database

**Alpha Epsilon Pi Fraternity (Sydney)**

February 2017 - present

*Charity Chair*

- Organised charity events for members such as participating in Gift of Life.

## KEY SKILLS

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- Programming Languages: C, SQL, Python and Shell Script
- Version Control: Git