**So Troeung**

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# Personal Summary Final year Mathematical and Computer Sciences student at the University of Adelaide with an interest in geographic information systems (GIS). Proficient in programming languages and GIS tools, seeking opportunities to apply and expand my skills in real-world situations.

# Education

# Bachelor of Mathematical and Computer Sciences | University of Adelaide

* Anticipated Completion Date: November 2023
* Relevant Coursework: Object Oriented Programming, Algorithm Design and Data Structures, Databases and Ethical Data, Introductory GIS, Advanced GIS, Earth Observation

# Projects

# SANFL Recruitment Zones

* Developed an ArcGIS story map to propose changes to the South Australian National Football League (SANFL) recruitment zones
* Utilized ArcGIS Pro 2.9.0 and spatial analysis tools to evaluate population dynamics and demographics
* Successfully addressed the imbalance of female players aged 5-19 years old in the Norwood and Woodville/West Torrens zones through strategic boundary adjustments
* Developed new boundaries in accordance with the +/-5% window of the population average for each club, ensuring fairness and equitable representation

**Survey123**

# Work Experience

# Shop Assistant | Summerfield News and Lotto

## 2017-2020

* Delivered excellent customer service, managed cash registers, and maintained store
* Restocked displays and ensured efficient store operation

# Technical Operations (Stagehand) | RAC Arena

## 2016-2017

* Set up staging and infrastructure for live events, adhering to OHS guidelines
* Demonstrated stamina and teamwork in a physically demanding role

# Technical Skills

* Python, SQL, C++ (3 years)
* ArcGIS Pro, Survey123 (2 years)

# References

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