

Jack Murrie

STUDENT

Profile

Passionate about utilising programming, analytical thinking and statistical methods to visualise and extract insights from data as well as create applications that are a joy to use.

Employment History

Graduate Software Developer , Commonwealth Government, Canberra

APRIL 2021 – PRESENT

- Create and deploy custom GIS web application and data layers to hundreds of users
- Develop custom data analytics visualisations
- Contribute to full stack projects through the development of API's and front-end integration

Education

Bachelor of Computer Science / Bachelor of Science (Statistics), UNSW

FEBRUARY 2018 – MAY 2022

Algorithms and Programming Techniques (HD), Big Data Management (HD), Computer Science Project (HD), Computer Networks (HD), Machine Learning and Data Mining (DN) , Statistical Modeling and Computing (DN), Probability and Stochastic Processes (DN), Database Systems (CR), Security Engineering (CR)

Personal Projects

JANUARY 2020 – PRESENT

My blog posts and projects can be viewed at <https://jackmurrie.github.io/>.

- Team project - full stack web app to browse and review movies
- Clustering of worldwide cities based on their cuisine
- Implementation of Locality-Sensitive Hashing Scheme Based on Dynamic Collision Counting

Extra Curricular

Casual Employment

DECEMBER 2017 – DECEMBER 2020

Bartender - West Tamworth Leagues Club, National Workforce Sydney, Nick's Seafood Darling Harbour

Clubs and Societies

- ANU Uni North Owls Rugby
- UNSW Computer Science and Engineering Society
- New College Students Association
- NSW Suburban Rugby (UNSW, Old Ignatians)

References

References available upon request

Details

Sydney

0439227652

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Links

[Website](#)

[Github](#)

[IBM Certificate](#)

Skills

Python

SQL

Statistical Theory and Methods

JavaScript (React)

ArcGIS Enterprise

git, CI/CD

Docker, Kubernetes

Hobbies

Rugby, Fitness, Guitar, Cricket, Machine Learning, Blogging, Reading, Social Sport