

Nixon Sovyrak Uch

0466 664 228 | nixon.uch@outlook.com | www.nixonsu.com | <https://github.com/ni-xon>

Experience

Deloitte (Data & AI Team)
VACATIONER

Melbourne, VIC
Incoming Jan 2022

KPMG (Digital Delta Team)
DATA ENGINEER INTERN

Docklands, VIC
Nov 2021 – Dec 2021

Data engineering team was responsible for supporting the audit team by deploying and automating a cloud data platform that featured data acquisition, curation, and transformation of client data to enable advanced analytics.

- Designed and developed integration tests for data acquisition and curation Snowflake stored procedures using the PyTest framework
- Integrated tests into existing production CI/CD framework (Git Actions) to automate testing
- Delivered several project uplifts through bugfixes, code refactors, docstrings, and project-specific enhancements
- Learned a great deal about best practices on data architecture, scripting, and cloud infrastructure

Tech stack: Python, Snowflake, SQL, JavaScript, Azure DevOps, CI/CD (Git Actions), Snowflake Connector, PyTest

Australia and New Zealand Banking Group (Australia Data Team)
DATA SCIENTIST INTERN

Docklands, VIC
Jan 2021 – Jun 2021

Collaborated with data scientists, data analysts, and data engineers to fulfill an ASIC requirement that involved delivering ML models that applied NLP on complaints data to identify emerging themes within complaints.

- Delivered an NLP capability for the bank by training an ML model to identify Banking Code of Practice breaches
- Enhanced production ML models to capture additional important complaint aspects previously missed
- Hosted knowledge transfer sessions for key stakeholders and engaged in enhancements support over time
- Developed a text labelling web application that reduced data preparation time by 50% (Python)
- Successfully showcased my achievements to ANZ's data science community (100+ attendees)

Tech stack: Python, Teradata, SQL, JIRA, Bitbucket, Bamboo, Pandas, spaCy, BeautifulSoup, Streamlit

Technical skills

SELECTED PROJECTS

www.p-font.com (HTML, CSS, JS, Python, Django)

Collaborated with a designer (jessica-la.com) to build a full-stack type-based web application.

Home (HTML, CSS, JS):

Developed a minimalistic and fully functional virtual study environment from scratch.

Bukky (Python, Pygame)

Collaborated with a group of friends to create a 2D turn-based strategy game, inspired by an old childhood game.

Astronauts Viz (HTML, CSS, JS, Vega-Lite, Pandas)

Data visualisation about Earth's Astronauts, created for a university assignment.

LANGUAGES: Python, JavaScript, SQL, HTML, CSS, R, VBA, C#

More at: <https://github.com/ni-xon>

Education

Monash University
BACHELOR OF COMPUTER SCIENCE AND COMMERCE
Majors: Data Science & Finance

Clayton, VIC
Mar 2018 – expected Jun 2022

Additional Experience

Volunteer Teaching Assistant for Robogals

Mar 2019 – Present

Teaching Assistant for Code Camp

Apr 2019 – Mar 2020

Undergrad IT Peer Mentor

Feb 2020 – Jul 2020

IT Peer Tutor for the Monash IT Programming Bootcamp

Mar 9th, 2019