

Orel Yoshia

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EDUCATION

Florida Polytechnic University, Lakeland, FL

Master of Science in Computer Science: Data Science, May 2022

Bachelor of Science in Computer Science: Information Assurance & Cyber Security, May 2020

SKILLS

R	Python	Power BI
Tidyverse	Matplotlib	Database
Dplyr	Pandas	Computer Networks
Ggplot / Ggplot2	Seaborn	SQL
Shiny	Numpy	AWS

Bilingual: Hebrew and English

EXPERIENCE

Florida Polytechnic University, Lakeland, FL

Institutional Research Analyst, January 2022-Present

- Prepare deliverables, such as dashboards, interactive worksheets/workbooks, and reports using internal systems and databases.
- Collaborate with staff and faculty to produce reports that assist with institutional compliance.

Adjunct Professor, August 2020 – Present

- Collaborated with AWS to develop and implement new curriculum to teach Cloud Infrastructure and Service.
- Teach two courses entitled Introduction to Data Science and Cloud Infrastructure & Service.

Perfume Express, Lakeland, FL

Store Manager, June 2018 – Feb 2022

- Helped build brand loyalty and a stronger customer base.
- Conducted training and development sessions to increase employee retention by 50%.
- Organized, prepared, and executed inventory assessments for showcase.

Integrity Consulting & Risk Management, Tel Aviv, Israel

Cyber Security Intern, June 2019 – Aug 2019

- Worked on international Tenders, subjects: GDPR and Cyber Security.
- Handled Information Security & Cyber Security Audits.
- Set up phishing emails for companies and ran penetration tests.

PUBLICATIONS & PROJECTS

Yoshia, O., Sanchez-Arias, R., and Taj, S. "Application of Network Models to Assist in Data Science Curriculum Using Program and Course Learning Outcomes". 7th NA Orlando 2022 IEOM Proceedings (2022): 2264-2273.

Florida Polytechnic University, Lakeland, FL

Application of Network Models, Spring 2022

- Developed a database framework that produced visualization reports, supported data mining, and data sanitization.
- Utilized R to program the prototype and elevate the versatility of its functions.

Wrangling and EDA, Spring 2021

- Used Python to organize and explore wrangling and visualization techniques on a Black Friday data set.
- Determined key factors that maximize profit in order to steer marketing decisions for future Black Fridays.