REZA RIZKY PRATAMA

Jakarta, Indonesia

rezarzky@gmail.com | https://www.linkedin.com/in/rezarzky/ | https://github.com/rezarzky

EDUCATION

University of Chicago   Chicago, USA

Master of Science in Computational Analysis and Public Policy   June 2024
- Relevant coursework: Computer Science with Application, Analytical Politics, Statistics, Mathematics for Computer Science and Data Analytics, Machine Learning, Database and Program Evaluation, GIS, Generative AI

State Finance Polytechnic STAN   Jakarta, Indonesia

Bachelor of Accounting   March 2018
- Awarded Ministry of Finance Scholarship.
- Relevant coursework: Corporate governance, Information technology audit, Research methods, Internal audit.

Sekolah Tinggi Akuntansi Negara   Jakarta, Indonesia

Associate in Accounting   October 2012
- Awarded Ministry of Finance Scholarship.
- Relevant coursework: Financial Management, Cost Accounting, Advance Accounting, Macroeconomics, Microeconomics, and Statistics.

WORK EXPERIENCE

Inspectorate General, Ministry of Finance   Jakarta, Indonesia

Auditor Pertama   March 2018 – Present
- Created anomaly detection and automated control testing using continuous audits in Government financial statement review, government spending, e-auction, national health insurance subsidy, and the Indonesian Government's retail bonds. It includes preparing a data pipeline on SQL Server Datawarehouse.
- Developed guidelines for data governance implementation review; developed pilot projects on using data analytics for internal audits; delivered in-house training in data for auditors; developed data visualization dashboards using Tableau.
- Performed assurance and advisory activities on IT governance and security assessments on the web application, server, data center, and Windows Active Directory.

Information Systems Officer   October 2013 - August 2016
- Developed simple internal web applications
- Implemented ACL Analytics and Teammate Audit Management System.
- Collaborated with the team to create information technology security audit guidelines and computer-assisted audit guidelines.

Vivery   Chicago, USA

Business Intelligence Intern   July - September 2023
- Identify and summarise food insecurity studies for Vivery and US food banks.
- Review existing dashboards, validate metric design and logic, help manage data pipeline, and release new dashboards on user activity and food insecurity.
- Created an automated dashboard loading time test that helps to identify the dashboard's performances.

Joachim Sulistyo & Rekan - Registered Public Accountant   Jakarta, Indonesia

Junior Auditor   January 2013 - August 2013
- Reviewed financial reports per Indonesian generally accepted accounting principles and tax law in 4 companies from the mining, real estate and airline industries.
- Identified financial statement errors and recommended solutions to audit team and clients.

TEACHING EXPERIENCE

University of Chicago Chicago, USA
Graduate Teaching Assistant September 2023 – May 2024
- CAPP 30254 - Machine Learning for Public Policy (Spring 2024)
- CAPP 30122 - Computer Science with Applications II (Winter 2024)
- CAPP 30121 - Computer Science with Applications I (Autumn 2023)

Badan Pendidikan dan Pelatihan Keuangan Jakarta, Indonesia
Instructor (Seasonal) 2019 – Present
Multiple training related to audit and analytics: Computer Assisted Audit, Data-Driven Decision Making, and Data Analytics Specialist.

State Finance Polytechnic STAN Jakarta, Indonesia
Part-time Lecturer April 2021 - August 2022
- Taught "Computer Assisted Audit" courses (two classes of 29 students each semester).
- Collaborated with faculty to prepare the examination tests, case studies and suitable datasets related to the course materials.

VOLUNTEERING & INVOLVEMENT

Chicago Policy Review Chicago, IL
Data Visualization Specialist September 2022 - Present

ISACA Indonesia Chapter Jakarta, Indonesia
Executive Team July 2021 – June 2023

Ministry of Finance – Data Analytics Community Jakarta, Indonesia
Co-Founder, Event and Membership Manager October 2021 - December 2022

District 87 - Toastmasters International Jakarta, Indonesia
Club President & Area Director July 2015 - June 201

SKILLS

- Language: English (Fluent), Bahasa Indonesia (Native), Javanese (Native)
- Technical: Python, R, SQL, HTML, API, Git, Tableau, Bash, LaTex, Machine Learning, Windows Server, MS SQL Server, ACL Analytics, Data Management, Microsoft Office Suite (Word, PowerPoint, and Excel)

PROFESSIONAL CERTIFICATIONS & TRAINING

- Certified Information Systems Auditor (CISA), ISACA, 2021
- IT Auditor Certified, Indonesian National Professional Certification Board, 2021
- CCNA: Introduction to Network, Cisco, 2020
- DAMA Data Management Body of Knowledge Training, 2020
- Tableau Author, Tableau, 2020
- PCAP Certified Associate in Python Programming, Python Institute, 2019
- Certified Government Internal Auditor, BPKP, 2019
- SANS SEC504: Hacker Tools, Techniques, Exploits, and Incident Handling, SANS Institute, 2016
- Certified Ethical Hacker (CEH), EC-Council, 2015
- ITIL Foundation Certificate in IT Service Management v3, Axelos, 2014