Olti Roka

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# Education

## BSc Financial Mathematics for Banking and Insurances | 2020 - Ongoing | Universiteti i Prishtinës

* Advanced Mathematics classes applied in Finance (Calculus, Real Analysis, Algebra, Probability Theory, Financial Mathematics, Stochastic Process, Statistics etc.)
* Advance Finance / Economy classes (Microeconomics, Macroeconomics, Accounting, Accounting in Banking, Bank Management, Business Management, etc.)
* Computer Science classes (Java and SQL)

## MicroMasters Program – Statistics and Data science | 2022 - ongoing | MITx

* Probability – The Science of Uncertainty and DataSkills & Abilities
* Fundamentals of Statistics
* Data Analysis: Statistical Modeling and computation in Applications
* Machine Learning with Python: from Linear Models to Deep Learning.

# Experience

## MIS & Financial Controlling Officer | Banka Ekonomike SH.A | 04/2022 – Ongoing

* Identified process improvements through client data analysis.
* Automated the reporting using Python and SQL, saving 25+ hours of manual work each week.
* Developed document analysis tools using AWS and Python.
* Used Microsoft PowerBI for visualizing daily automated reports.
* Used Microsoft Power Automate for automating daily, weekly and monthly tasks.

## Call Center Officer | Banka Ekonomike SH.A | 09/2021 – 04/2022

* Used coordination and planning skills to achieve results according to schedule.
* Actively listened to customers’ requests, confirming full understanding before addressing concerns.
* Monitoring and prevention of card fraud incidents.
* Monitored ATM inventory to keep stock levels and databases updated.
* Monitoring of technical issues of ATMs.

## Intern in accounting | Kosovo Finance Group SH.p.k | 02/2021 – 08/2021

* Analyzed Account information and reconciled financial discrepancies to maintain records integrity and compliance.
* Organized budget documentation and tracked expenses to maintain tight business controls.
* Data entry in general ledgers.
* Investigated daily variances and corrected errors to resolve discrepancies.
* Applied mathematical abilities for accounting system analysis.
* Maintained strict client confidentiality in personal, telephone and email interactions to comply with preset standards and regulations.

# Achievements

## Kosovo mathematical Olympics

* Representative of Prishtina in the 10th KMO – Kosovo’s Association of Mathematicians
* Representative of Prishtina in the 12th KMO – Kosovo’s Association of Mathematicians

## Atomist | Atomi Institute | international Insitute of Extraordinary Intelligence

* Member of ATOMI institute after standardized testing – reaching a score of over 140.

# Trainings

## Python for Data Science and Machine Learning Bootcamp | Udemy

* This comprehensive course was a guide to learning how to use the power of Python to analyze data, create visualizations, and use powerful machine learning algorithms.

## Statistics & Mathematics for Data Science & Data Analysis | Udemy

* Systematically mastered the core concepts in statistics & probability, descriptive statistics, hypothesis testing, regression analysis, analysis of variance and some advanced regression / machine learning methods such as logistic regressions, polynomial regressions, decision trees and more.

## Advanced Microsoft Excel | RIT Institute

* Systematically mastered the core concepts in statistics & probability, descriptive statistics, hypothesis testing, regression analysis, analysis of variance and some advanced regression / machine learning methods such as logistic regressions, polynomial regressions, decision trees and more.

# Skills

* Python (NumPy, Pandas, Scikit-learn, Keras, Flask)
* SQL (Redshift, MySQL, Postgres, NoSQL)
* Git
* Microsoft Excel
* Microsoft Power Services (PowerBI, Power Automate, Power Apps)
* Microsoft Azure
* AWS
* Productionizing Models