# Arianit Sylafeta

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## SUMMARY

Experienced Software Developer with 3+ years of hands-on experience in the field. Proficient in the latest frameworks and methodologies, including test-driven development and continuous implementation. Adept at translating business requirements into scalable and efficient solutions. Passionate about innovation and seeking opportunities to make meaningful contributions to companies changing the world.

## EDUCATION

**Quantitative Finance with Data Science** — London, UK
*MSc from Birkbeck, University of London* — July 2024

**Relevant Courses:** Stochastic Calculus, Econometrics, Statistical Analysis, Quantitative Methods, Credit Risk Management, Market Risk Management, Financial Modelling with Data Science

**Web and Mobile in IT & Management and Entrepreneurship** — New York, USA
*BAASc Dual Degree from Rochester Institute of Technology* — May 2022

**Relevant Courses:** Algorithms, Principles of Computing, Database Modelling, Accounting, Game Theory, Managing the Workforce, Global Business Environment

**Extracurriculars:** Financial Management Club Member | ESG Startup Founder | Vice-President Candidate

## WORK EXPERIENCE & PROJECTS

**Machine Learning Intern** — Jul 2022 - Sep 2022
*Solaborate, Prishtina*

- Assisted in labeling training data and cleaning datasets to ensure accuracy and reliability for model training and evaluation.
- Contributed to hyperparameter tuning efforts using advanced technologies like Ray Tune, optimizing model performance and efficiency.
- Developed intuitive machine learning dashboards utilizing the Dash framework, providing actionable insights for stakeholders.
- Received training in MLOps methodologies and practices, gaining hands-on experience with Amazon SageMaker for model training, deployment, and monitoring.

**Full Stack Developer** — Sep 2021 - May 2022
*Greenify, Rochester* NY

- Spearheaded the development of a robust web platform for an ESG investment consulting firm, encompassing both front-end and back-end tasks.
- Leveraged NextJS and React to craft an intuitive user interface, ensuring seamless navigation and engagement for clients.
- Engineered back-end functionalities using MongoDB, facilitating efficient data management and scalability of the platform.
- Implemented Google SEO best practices, significantly improving the platform's visibility and search engine ranking.

## CERTIFICATIONS

**Reinforcement Learning in Finance**
*Course | New York University, Online | 2023*
**Relevant Topics:** Markov Decision Processes, Discrete-Time Black Scholes, Q-Learning

**Machine Learning**
*Specialization | Stanford, Online | 2022*
**Relevant Topics:** Linear Regression, ANNs, Tree Ensembles, Recommender Systems, K-Means, LSTMs

## SKILLS

- **Data Analysis**
- **NextJS, React**
- **Machine Learning**
- **TailwindCSS**
- **Agile Methodologies**
- **Programming (C++, Python)**
- **SQL\MongoDB**
- **Excel VBA, Power BI**