



Nr. Prot.: _____

Datë: ___/___/___

Institution: University of Prishtina

Academic Unit: Faculty of Mathematics and Natural Sciences

Study Program: Computer Science

Level of Studies: Master

Number of ECTS Credits: 120

The Student Perspective Overview for the study programs at the University of Prishtina aims to reflect the general employment and further study opportunities after graduation. This approach helps the university highlight its role in preparing qualified professionals who can meet the demands of both the local and international labor market.

Employment Perspective for Graduates

No.	What is the job title and what tasks are included in this role?	Which employment sector in Kosovo typically hires professionals with this profile?	What are the opportunities for further studies in this field?	Which technologies/ tools are primarily used in this profession?	Are there opportunities for international employment in this field?
1	Software Engineer / Full-Stack Developer	IT services sector, software companies, BPO (Business Process Outsourcing), cloud service providers	PhD in Computer Science at European and global universities, as well as professional courses	Python, JavaScript, Java, HTML/CSS, SQL	Highly in demand in Western Europe; EU Blue Card; opportunities in startups and international corporations; fully remote employment for international companies
2	Data Scientist	Financial sector, e-commerce, retail, telecommunications, market research, consulting services	PhD in Computer Science at European and global universities, as well as professional courses	Python, R, SQL, Pandas, NumPy, Scikit-learn, TensorFlow, PyTorch, Jupyter Notebooks, Tableau	Highly in demand in Western Europe; EU Blue Card; opportunities in startups and international corporations; fully remote employment for international companies
3	Data Engineer	IT services sector, financial sector, large corporations, data-focused startups	PhD in Computer Science at European and	Python, Java, SQL, NumPy, Scikit-learn, PyTorch, Apache Spark,	Highly in demand in Western Europe; EU Blue Card; opportunities in startups



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			global universities, as well as professional courses	Hadoop, Kafka, ETL/ELT tools (Airflow, dbt, Informatica, etc.), cloud data platforms (AWS, Azure, GCP: S3, Redshift, BigQuery)	and international corporations; fully remote employment for international companies
4	Machine Learning Engineer	IT and technology sector, AI startups, large corporations, university research	PhD in Computer Science at European and global universities, as well as professional courses	Python, PyTorch, TensorFlow, Keras, Scikit-learn, Docker, Kubernetes, MLflow, DVC; cloud services (AWS SageMaker, Azure ML, GCP Vertex AI)	Highly in demand in Western Europe; EU Blue Card; opportunities in startups and international corporations; fully remote employment for international companies
5	Business Intelligence / Analytics Engineer	IT and technology sector, AI startups, large corporations, university research; banks and financial institutions; telecommunications; large retail companies; insurance companies; public institutions that analyze data; consulting firms	PhD in Computer Science, Data Science, or Business Analytics at European and global universities; professional training (e.g., Microsoft Power BI, Tableau, SAS, Google Data Analytics)	SQL, Power BI, Tableau, Looker, advanced Excel, Python/R for analytics, SSIS/SSAS, data warehouses (e.g., Snowflake, BigQuery)	Highly in demand in Western Europe; EU Blue Card; opportunities in startups and international corporations; fully remote employment for international companies
6	University Researcher	Universities, research centers	PhD in Computer Science at European and global universities, as well as professional courses	Python, PyTorch, TensorFlow, Keras, Scikit-learn, LaTeX, Git, Zotero/Mendeley, HPC platforms	Employment in universities and research centers in Western Europe; opportunities at the University of Prishtina
7	DevOps / Cloud Engineer	IT companies, data centers, telecommunications, banks, companies migrating to cloud	PhD in Computer Science at European and global	Docker, Kubernetes, CI/CD (GitLab CI, GitHub Actions, Jenkins),	Highly in demand in Western Europe; EU Blue Card; opportunities in startups and international



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			universities, as well as professional courses	AWS/Azure/GCP, Terraform, Ansible	corporations; fully remote employment for international companies
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