



CONTACT ME

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🌐 <http://iokaf.com/>

📍 Athens, Greece

EDUCATION

MEng Electrical Engineering and Computer Science

National Technical University of Athens

CERTIFICATIONS

- Google Advanced Data Analytics Professional
- Google IT Automation with Python Professional
- Design, Construction, Verification of Low Voltage Installation, NTUA
- STEM in Education, UOA
- CCNA (In-Progress, Expected in Aug 2023)

SKILLS

- Mobile Communications Protocols (2G/3G/4G/5G)
- VoLTE, IMS, VoWiFi call performance
- Handover and Throughput Testing/Analysis
- Field testing
- Wireshark
- VBA Programming
- Python, VBA, Web Development (MERN)
- Power BI/ Tableau

Ioannis Kafatos

Electrical Engineer and Computer Scientist

WORK EXPERIENCE

RF Optimization Engineer

2017 - 2023

FASMETRICS SA, Athens Greece

- Coordinate and conduct full scope QoS/QoE Network Benchmarking, Rollout, Swap Projects and Cluster Optimization performance management activities
- Act as technical lead for assigned scope of work, perform system design evaluation, functional supervision of peers, prepare and present status reports, information briefings and other verbal or written material
- Analyze log files, perform Root Cause Analysis and recommend actions to resolve issues identified and resolutions for network quality improvement, design and implementation of performance management tools covering all technologies 2G/3G/4G/NR, KPI analysis and visualizations.
- Ensure good practice and quality analysis, including compliance with privacy policies and legislation.

Junior RF Optimization Engineer

2016 - 2017

FASMETRICS SA, Athens Greece

- Analyze and optimize network KPIs, Accessibility/Mobility/Retainability/Throughput related performance troubleshooting, justify KPI deviation, pattern detection and identification of problematic behavior.
- Design, customization and automation of SSVT, Cluster Optimization, Acceptance and Executive reports.
- Participate in all stages of network performance management process: Raw Data Collection, Data Cleaning, Data Warehouse, DML/SQL, KPI Formula Tuning and Validation, Reporting, Presenting.
- Perform root cause analysis using multiple sources of data

RF Field Test Engineer

2015 - 2016

FASMETRICS SA, Athens Greece

- Perform RF field measurements (EMF, EMC, Mobile Networks etc.), collect data for post-processing and analysis, ensure measurement data validity, integrity and consistency
- Configuration, installation and repairing of electronic systems and computers, troubleshooting and resolve test equipment malfunctions, document test configuration and processes
- Prepare EMF studies, supporting engineers in producing reports on operational activities