



OCTAVIAN IERCAN

CEO Quarticle Research



INFO

ADDRESS:
Arad
Romania

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SKILLS

MANAGERIAL:

- good ability to work under stress pressure, working on multiple projects at the same time
- capacity for synthesis and analysis

JOB-RELATED:

- ability to see the big picture of a project
- proactive, creative, intuitive
- fast learner

SOCIAL:

- good communication obtained through interaction with customers
- team work, open minded
- serious and ambitious, I learned programming from passion before studying at school

PROFILE

Engineering robust, user-oriented highly professional IT solutions for creative and exigent clients.

EMPLOYMENT HISTORY

Founder & Manager Quarticle Research – Arad/Timisoara, Romania 2018-present

Leading a team of uniquely skilled researchers and software engineers. Our goal is to create meaningful results out of distributed georeferenced fuzzy data as well as the creation of products as a result of our research programs.

GEO Manager SwissRe – Group Underwriting Strategy, Zurich, Switzerland 2013 - 2019

Core responsibilities:

- Software Product management both on technical and business level
- Architectural design and delivery of new products
- Distributed team management
- 7 figure Budget planning and management

Achievements

- CatNet® software product hold on the latest technologies both on premise and cloud applications
- CatNet® API architectural design, product development and delivery
- Migration piloting for all products to Azure Cloud – first products of SwissRe moving to cloud
- Development of analytical products for various insurance products

Associate Professor West University of Timișoara, Romania 2010 - present

Core responsibilities:

- Location Based Services (LBS) intensive course for MSc and PhD students

Street View Operation Lead Google Inc. Zurich - Google Maps Zurich, Switzerland 2009 - 2011

Core responsibilities:

- Operations Project Management executing on worldwide expansion and development plan Supply chain monitoring and supplier management
- CAPEX & OPEX planning for Central and Eastern Europe
- Keeping track of finance for personnel (50+), software and hardware
- Facilitating data collection activities across CEE
- Data quality supervision

OTHER SKILLS:

- open to new technologies, I regularly read articles, blogs
- positive, detail and quality oriented person
- reading: history, philosophy, science books
- knowledge about electronics

Country Manager for Romania
Tele Atlas – Tom-Tom, Vienna, Austria
2008 - 2009

Core responsibilities:

- Development of the first navigational map of Romania for TomTom
- Business development in Romania

EDUCATION AND TRAINING

Postdoctoral Researcher Geodesign
École Polytechnique Fédérale de Lausanne (EPFL), Laboratory of Basel LABA (architecture and urban spatial design studio), Basel, Switzerland 2011 - 2013

Dr. rer. Nat. Geoinformatics (Magna cum Laude)
Albert-Ludwig University of Freiburg, Germany
2004 - 2008

Dipl. Ing. Forestry Engineering (Geoinformatics specialization)
Transilvania University of Brasov, Romania
1998 - 2003

COMPUTER SKILLS

- **Programming:** Python, Java
- **Cloud Infrastructure:** PaaS, IaaS, Azure cloud platform
- **Web:** CSS, HTML5, JSON, WebAPI
- **Desktop&Server:** OS GEO suite, ERDAS Imagine, ESRI Suite, Geomedia, etc.
- **Database:** Oracle, Postgre, Microsoft SQL Server & Azure, Access, MySQL

LANGUAGES

Romanian
mother tongue

English, German, Italian
Proficient

Spanish
Intermediate

French, Portuguese
Beginner