

Andrei Tuta

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CAREER PROFILE

A passionate Software Developer with extensive and diversified experience in developing mobile applications, websites, web applications and offering administration services for local businesses.

Knowledge of product-life-cycle management, business development and leading cross-functional teams was gained while managing various other projects and business ideas, focusing on understanding existing and emerging technologies, Software as a Service (SaaS), while minimizing their cost and administering workload.

PROFESSIONAL EXPERIENCE

- **URJ 6 Points Sci-tech** Byfield, MA
Counselor/Specialist Jun 2018 - Aug 2018
 - **Counselor:** Camp counselor, tasked with managing and leading daily activities.
 - **Programming assistant:** Helping instructors with running the Programming and Coding workshop, focused on teaching programming in Processing for developing their own projects.
 - **Workshop Instructor:** Running my own workshop, in which participants learned the basic syntax of HTML, CSS, JS and the logic behind coding a virtual Monopoly game.
- **Birmingham City University** Birmingham, UK
Programming assistant Sep 2017 - Jun 2018
 - **Java demonstrator:** Helped groups of students during their laboratory sessions. Tasks involved explaining concepts and helping with debugging their projects.
 - **Innovation Fest Mentor:** Managed and helped two teams of students with the technical development, planning and pitching of their entries for a local technology contest.
- **Oracle Romania** Bucharest, RO
Junior Database Administrator Jun - Sep 2017
 - **Oracle DBA training:** Part of the internship consisted of a training similar to a complete DBA course. During this training, topics such as basic administration, back-up, recovery and automation were covered.
 - **Administrator:** After the training was completed, I completely installed and automated two separate databases to execute all the required procedures.
- **The Business Information Portal** Birmingham, UK
Software Developer Oct 2015 - Sep 2016
 - **Part-time development:** Worked within an small scale team to develop solutions for people with a visual impairment. Gained experience working within a large code base and improved at writing clean, testable code. Another area of development was writing Arduino and IoT code.
 - **Testing:** Applied Agile methodologies and CI processes with Test Driven Development for software development in various environments. Learned the importance of risk management in software: continuous builds, Quality Assurance and release cycles .

EDUCATION

- **Birmingham City University** Birmingham, UK
B.Sc. in Computer Science - Data Analysis. Machine Learning and Database administration 2015 - 2018
- **Universidad de Alcalá** Alcalá de Henares, Spain
B.Sc. in Computer Science, Erasmus semester in Spain Jan - Jun 2017

PROGRAMMING SKILLS

- **Languages:** Python, Java, Javascript, Kotlin, SQL **Technologies:** AWS, React, Android Studio, MongoDB

EXTRACURRICULAR ACTIVITIES

- **Outward Mobility Ambassador, BCU CEBE** Jan - Jun 2018
Managing, assisting and recruiting students for international programs and social media development
- **President, BCU RoSoc** 2016 - 2018
Event planning, budgeting & team management
- **Secretary, Rotaract Club Birmingham** 2015 - 2017
Event planning, PR & note-taking