

# Ivan Ivani, PhD

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Date of birth: 6<sup>th</sup> February 1986



I am a Data Scientist with a scientific background in bioinformatics and over five years of experience in data analytics within an international organization across various contexts. I have managed small data teams and implemented complex projects. I am keen to bring my international experience, problem-solving mindset, and enthusiasm to a new and challenging environment, particularly focusing on financial consulting and treasury management.

## PROFESSIONAL EXPERIENCE

### Senior Data Analyst

**Oct 2023 – Present**

#### User Experience R&D – Continental – Serbia

- Established and maintained an efficient data management system for optical experiments and production data, supporting R&D teams globally.
- Specialized in preparing graphs and processing diverse datasets from optical experiments and production End-of-Line (EOL) plants.
- Created interactive dashboards using Python and PowerBI to facilitate seamless collaboration and informed decision-making.
- Contributed to the team's expansion and development of Data Science infrastructure and streamlined data processes.

### Data Analytics and Management Lead

**Jan 2021 – Jun 2023**

#### Protection Unit – ICRC – Jerusalem and Caracas

- Handled highly sensitive personal data, ensuring secure and ethical management.
- Prepared intricate reports and infographics for strategic decision-making.
- Led small teams, fostering collaboration and efficient data handling, and trained colleagues in complex SQL and Python data processes.
- Acted as a Project Manager for the Jerusalem Delegation, steering the Family Visit Program through feasibility and planning phases.

### Data Analyst

**Jul 2018 – Dec 2020**

#### Protection Unit – ICRC – Belgrade, Geneva and Damascus

- Created an automated dashboard for the Syrian delegation that integrates external information sources into the ICRC PCP framework, mapping events and providing statistical feedback.
- Developed a dashboard at HQ visualizing ETD request flows over time and country, aiding in strategic planning.
- Supported delegates and operations with reports and analyses, enhancing data-driven decision-making.
- Evaluated and improved the quality of Prot6 databases and infrastructure.

### Research Scientist

**Jan 2010 – Jun 2017**

#### Institute for Research in Biomedicine - IRB Barcelona, Spain

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### Intern Scientist

**May 2015 – Aug 2015**

#### Stanford University and Pfizer, USA

- I spent time as a visiting researcher in the group of Eric Kool, working on a project of software optimization. Worked on software optimization for computational biology simulations in collaboration with the pharma industry.
- Conducted experiments on short DNA sequences and parameterized molecular dynamics software based on experimental findings.

## EDUCATION

### PhD in Bioinformatics (cum laude)

*Universitat de Barcelona, Spain*

Dec 2016

### MSc in Biophysics (Top 2% of the class)

*Charles University in Prague, Czechia*

Jun 2010

### BSc in Physics

*Charles University in Prague, Czechia*

Aug 2008

## SKILLS AND AWARDS

### Languages

- **English** (Fluent), **Czech** (Fluent), **Spanish** (Fluent), **Russian** (Conversational), **French** (basic), **Serbian** (Native).

### Tools

- Programming: Python, SQL
- Visualization: Matlab, Tableau, Power BI.
- Office tools: Excel, Power Point, Word, Minitab

### Awards and honours

- EMBO fellowship, Stanford, USA
- IUBMB Young Researcher fellowship, Taipei, Taiwan
- FEBS Young Researcher fellowship, St. Petersburg, Russia
- IRB Barcelona PhD fellowship, Barcelona, Spain
- Charles University scholarship (top 5% of students), Prague, Czechia

## HOBBIES

I am a nature lover, a sportsman and a fan of climbing. I love travelling, gastronomy and discovering new things. I enjoy constructive discussions and a collaborative environment.