Ivan Almer

Place and date of birth: Zagreb (Croatia), June 23rd, 1997; Citizenship: Croatian

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EDUCATION

Bocconi University	Milan, Italy
Master of Quantitative Finance and Risk Management	Sep 2023 – present
Expected graduation in October 2024	

University of Zagreb, Faculty of Electrical Engineering and Computing	Zagreb, Croatia
Master of Computer Science (GPA 4.4/5)	Sep 2019 – Jul 2022
Thesis: Option Pricing and Hedging under Jump-diffusion model	

The Polytechnic University of Catalonia, Barcelona School of Informatics	Barcelona, Spain
Master of Innovation and Research (exchange student)	Sep 2020 – Jan 2021

University of Zagreb, Faculty of Electrical Engineering and Computing	Zagreb, Croatia
Bachelor of Computer Science (GPA 4.5/5)	Sep 2016 – Jul 2019
Thesis: Medical Image Classification With Convolutional Models	

EXPERIENCE

European Central Bank (ECB) - Market Operation Analysis   Frankfurt am Main, Germany

Market Operations Analyst   Oct 2022 – Jun 2023
- Conducted precise and complex analyses related to Targeted longer-term refinancing operations (TLTROs)
- Ensured timely delivery of the TLTRO III recalibration dossier (as decided by the Governing Council of the ECB in October 2022) by automating the analyses using Python and SQL
- Contributed to the automation of the process that ensured timely delivery of the Minimum Reserves Remuneration dossier (as decided by the Governing Council of the ECB in July 2023)
- Created a dashboard that enabled complete monitoring of TLTRO III time-dependent applicable interest rates

Trainee   Dec 2021 - Sep 2022
- Developed a script for the TLTRO III applicable interest rate calculation, which immensely sped up the existing process while also improving reliability
- Made improvements to the internal market operations database, which enabled our teams to handle complicated data extractions and simplified cross-divisional data sharing
- Automating procedures and speeding up existing workflows, which significantly reduced the amount of time needed to conduct existing tasks

Notch (former Agency04) - Mobile Development Team   Zagreb, Croatia

Junior iOS Developer   Jul 2018 – Feb 2021
- Ensured the delivery of a major project on a tight deadline while maintaining both code and application quality
- Contributed to multiple iOS applications

LANGUAGE AND SKILLS

Croatian	**English**	**German**	**Spanish**
Native	8/9 IELTS, Feb 2023	B2 Goethe, Jun 2015	Very good

Professional proficiency: Python, Excel, SQL, Git   **Programming Languages**: Python, R, Java, C/C++
Intermediate proficiency: Tableau, Powerpoint, Word   **Bloomberg Terminal**: Basic knowledge

ADDITIONAL INFORMATION

Awarded the *"STEM Stipend"* for excellent students (2018 – 2019)
Awarded the *"City of Zagreb Stipend"* for excellent students (2014 – 2018)

Sports: Running, Former Ice-hockey player (2001 – 2016)
Interests: Mathematics, Travel, Cooking

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