

# Ivan Almer

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

<b>Bocconi University</b> Master of Quantitative Finance and Risk Management Expected graduation in October 2024	Milan, Italy Sep 2023 – present
<b>University of Zagreb, Faculty of Electrical Engineering and Computing</b> Master of Computer Science (GPA 4.4/5) Thesis: Option Pricing and Hedging under Jump-diffusion model	Zagreb, Croatia Sep 2019 – Jul 2022
<b>The Polytechnic University of Catalonia, Barcelona School of Informatics</b> Master of Innovation and Research (exchange student)	Barcelona, Spain Sep 2020 – Jan 2021
<b>University of Zagreb, Faculty of Electrical Engineering and Computing</b> Bachelor of Computer Science (GPA 4.5/5) Thesis: Medical Image Classification With Convolutional Models	Zagreb, Croatia Sep 2016 – Jul 2019

## EXPERIENCE

<b>European Central Bank (ECB) - Market Operation Analysis</b> Market Operations Analyst	Frankfurt am Main, Germany Oct 2022 – Jun 2023
<ul style="list-style-type: none"><li>Conducted precise and complex analyses related to Targeted longer-term refinancing operations (TLTROs)</li><li>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</li><li>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)</li><li>Created a dashboard that enabled complete monitoring of TLTRO III time-dependent applicable interest rates</li></ul>	
Trainee	Dec 2021 - Oct 2022
<ul style="list-style-type: none"><li>Developed a script for the TLTRO III applicable interest rate calculation, which immensely sped up the existing process while also improving reliability</li><li>Made improvements to the internal market operations database, which enabled our teams to handle complicated data extractions and simplified cross-divisional data sharing</li><li>Automating procedures and speeding up existing workflows, which significantly reduced the amount of time needed to conduct existing tasks</li></ul>	
<b>Notch (former Agency04) - Mobile Development Team</b> Junior iOS Developer	Zagreb, Croatia Jul 2018 – Feb 2021
<ul style="list-style-type: none"><li>Ensured the delivery of a major project on a tight deadline while maintaining both code and application quality</li><li>Contributed to multiple iOS applications</li></ul>	

## LANGUAGE AND SKILLS

Croatian	English	German	Spanish
Native	8/9 IELTS, Feb 2023	B2 Goethe, Jun 2015	Good
<b>Professional proficiency:</b> Python, Excel, SQL, Git		<b>Programming Languages:</b> Python, R, Java, C/C++	
<b>Intermediate proficiency:</b> Tableau, Powerpoint, Word		<b>Bloomberg Terminal:</b> 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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