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# Iancu Popp

**SWE Intern Microsoft | CSE BSc TU Delft | Erasmus TU Munchen**

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Delft, Netherlands

## EDUCATION

### Delft University of Technology

*Bachelor of Science in Computer Science and Engineering, GPA: 9.14/10 (current)*

Delft, Netherlands

Sep. 2023 – Jul. 2026

### Technical University of Munich

*Minor in Computer Science (Erasmus Exchange)*

Munich, Germany

Oct. 2025 – Mar. 2026

### Tudor Vianu National College of Computer Science

*High School Diploma in Computer Science, Grade: 9.76/10*

Bucharest, Romania

Sep. 2019 – Jul. 2023

## EXPERIENCE

### Software Engineer Intern

*Microsoft*

Jul 2025 – Present

*Bucharest, Romania*

- Developing & deploying cloud infrastructure solutions to production within M365 Sovereign Cloud Runtime team
- Applying DevOps practices to ensure scalable and reliable cloud deployments
- Contributing to internal systems supporting production-grade cloud services

### Software Engineer Intern

*JetBrains*

Apr 2025 – Jul 2025

*Amsterdam, Netherlands*

- Built a full-stack solution for a brand-new app from backend services to cross-platform UI with Jetpack Compose
- Deployed backend infrastructure with Kubernetes, optimizing for performance and scalability
- Ran CUDA workloads in Docker containers and compiled native libraries for performance optimization
- Tuned resource usage for efficient, production-ready deployments

### Teaching Assistant

*Delft University of Technology*

Sep 2024 – Jan 2025

*Delft, Netherlands*

- Supported students in Computer Organisation (CSE1400) course with Assembly coding
- Clarified complex concepts and graded exams to enhance hands-on learning experience
- Mentored students in x86 Assembly programming and computer architecture fundamentals

### Technology Launchpad Participant

*IMC Trading*

Jun 2024

*Amsterdam, Netherlands*

- Engaged in workshops on trading strategies, programming challenges, and analytical exercises
- Developed practical skills and industry knowledge in quantitative finance

### Discover Citadel Participant

*Citadel*

Mar 2024

*London, United Kingdom*

- Selected among 70 out of approximately 4000 applicants for exclusive program
- Gained insights into hedge funds and participated in trading, coding, and problem-solving sessions

## HONORS & AWARDS

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<b>Freshmen Programming Contest 2nd Place</b> <i>Delft University of Technology</i>	May 2024 <i>Delft, Netherlands</i>
<b>Challenge the Cyber — Cybersecurity Contest 1st Place</b> <i>Delft University of Technology</i>	Apr 2024 <i>Delft, Netherlands</i>
<b>Team Epoch AI Hackathon 10th Place</b> <i>Delft University of Technology</i>	Nov 2023 <i>Delft, Netherlands</i>
<b>AGM International Programming Contest 13th Place</b> <i>Tudor Vianu National College of Computer Science</i>	Jun 2023 <i>Bucharest, Romania</i>
<b>International Informatics Olympiad in Teams 13th Place</b> <i>Tudor Vianu National College of Computer Science</i>	Jan 2023 <i>Bucharest, Romania</i>
<b>Nitro Natural Language Processing Hackathon 7th Place</b> <i>University of Bucharest</i>	2022 <i>Bucharest, Romania</i>
<b>Romanian Master of Informatics Bronze Medal</b> <i>Tudor Vianu National College of Computer Science</i>	Dec 2021 <i>Bucharest, Romania</i>
<b>Shumen International Tournament in Informatics Finalist</b> <i>Tudor Vianu National College of Computer Science</i>	Dec 2021 <i>Bucharest, Romania</i>
<b>CloudFight Coding Contest 5th Place</b> <i>Tudor Vianu National College of Computer Science</i>	Nov 2021 <i>Bucharest, Romania</i>
<b>Multiple medals, National Informatics Olympiad</b> <i>Tudor Vianu National College of Computer Science</i>	2019–2023 <i>Bucharest, Romania</i>

## PROJECTS

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<b>Mandelbrot Set Visualization</b>   <i>C++, OpenGL</i>	2022
<ul style="list-style-type: none"><li>Developed two C++ programs to render the Mandelbrot set fractal: one CPU-based, one GPU-based using OpenGL</li><li>Explored efficient use of computer components and compared performance between CPU and GPU implementations</li><li>Implemented user customization via configuration file; GPU version recommended for optimal performance</li><li>Documented methods and performance analysis for mathematical visualization</li><li><b>Project Wiki:</b> <a href="https://github.com/iancupopp/mandel-vs22/wiki/Two-approaches-to-plotting-the-Mandelbrot-Set">github.com/iancupopp/mandel-vs22/wiki/Two-approaches-to-plotting-the-Mandelbrot-Set</a></li></ul>	
<b>ViCyber Robotics Club</b>   <i>FIRST Tech Challenge</i>   <i>Java, 3D Modelling</i>	2022–2023
<ul style="list-style-type: none"><li>Founder, Team Leader, Lead-Programmer &amp; Builder</li><li>Recruited members, prepared a curriculum, organized meetings, mentored peers</li><li>Raised \$9000 in sponsorships, designed &amp; programmed the robot with the team</li></ul>	

## TECHNICAL SKILLS

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**Languages:** C++, Python, Java, Scala, x86 Assembly, SQL, Kotlin  
**Frameworks & Technologies:** Kotlin Multiplatform, Jetpack Compose, FastAPI, OpenGL, CUDA  
**Cloud & DevOps:** Docker, Kubernetes, Google Cloud Services (GCS), Azure Resource Manager (ARM)  
**Tools & Skills:** Software Infrastructure, DevOps, Robotics, Teaching, Machine Learning, Performance Optimization

## VOLUNTEERING

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<b>Math Tutor</b> <i>Asociația Casa Bună</i>	Jun 2022 – Mar 2023 <i>Romania</i>
<ul style="list-style-type: none"><li>Taught mathematics to children from Romania's most underprivileged communities</li></ul>	