

Andrzej Kominek

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EXPERIENCE

Software Engineer at Silverflow in Amsterdam **November 2025 - ongoing**

Managing and developing the card payment processing platform using **AWS** services, **Typescript** with **Node.js**.

Software Engineer at AthenaStudies in Amsterdam **December 2022 - October 2025**

Developing and maintaining **frontend** and **backend** of a website/service providing tutoring (**Bloomreach CMS** based) and a customers managing system (**Refine** based), using **React**, **TypeScript**, **MUI**, **Java** (with **Hibernate**) and **PostgreSQL**.

Teaching Assistant at Vrije Universiteit Amsterdam **January 2022 - March 2023**

- **Software Design** - helping other assistants with grading, leading a technical lab session and preparing the exam
- **Object Oriented and Functional Programming** - helping with coding assignments in practical sessions and grading them by code reviewing
- **Logic and Sets** - teaching practical exercise classes and marking the examinations

Information Security Intern at Eurofins in Katowice **July - December 2021**

Active overwatch of phishing and intrusion attempts alongside other malicious/unwanted mails addressed to the company's employees.

EDUCATION

Joint **Computer Science Master's Degree** at **Vrije Universiteit Amsterdam** **September 2023 - August 2025**
and **Universiteit van Amsterdam**

Graduated **Software Engineering & Green IT** track with **GPA** of **8.8** and **Cum Laude** distinction. Finished with a duo **thesis** on extending **ReBeT** framework with **PRISM**-based adaptations and providing practices to follow when developing models for **self-adaptive robotics** systems.

Computer Science Bachelor's Degree at **Vrije Universiteit Amsterdam** **September 2020 - August 2023**

Graduated with **GPA** of **9.2** and **Cum Laude** distinction. Completed an **Honours Programme** with research paper in **Evolutionary Robotics**. Finished with thesis about **loop unrolling** compiler optimisation (**software** and **hardware** variants), finding optimal solutions within them and answering what the **optimal loop unroll factor** is.

DSD II (Deutsches Sprachdiplom der Kultusministerkonferenz) **2020**

German Language Certificate of the Education Ministers Conference

PROGRAMMING/TECHNOLOGIES

- React.js
- TypeScript
- HTML, CSS, JS
- Bloomreach CMS
- Refine
- Java (with Hibernate)
- PostgreSQL
- Git/Github
- Jira
- Docker/Kubernetes
- C/C++
- Python

LANGUAGES

- Polish – native speaker
- English – C1/C2 level
- German – B2/C1 level
- Dutch – A1 level

PERSONAL SKILLS

- Attention to details
- Effective planning
- Leadership
- Cooperative

EXTRACURRICULAR ACTIVITIES DURING STUDIES

International **"AAPP"** contest in Amsterdam

Solving **algorithmic programming** problems.

Three international group **game jams "Ludum Dare"**

- level design in 2.5D arcade shooter in **Unity**
- map generation, game logic in tower defence in **Unity, C#**
- level design, game logic in platformer in **Unity, C#**

Hackathon "Sheep Your Hack" in Kraków

Designing innovative idea "Borrow.it" service for lending or borrowing expensive machinery with a simple website designed using **HTML**, **CSS**, **JavaScript**.

INTERESTS/HOBBIES

- Skiing (instructor's helper degree in Poland)
- Mountain biking
- Video games
- 3D printing