

David Rocha

[in davidsoutorocha](#) | [davidrocha9](#) | [davidrocha.tech](#) | [✉️ davidsoutorocha@gmail.com](mailto:davidsoutorocha@gmail.com)

SUMMARY

Software engineer with experience building web, mobile, and VR applications. Focused on building cool products and shipping high-quality work.

EXPERIENCE

Software Engineer

Be Your Best™

Jan 2025 – Present

Oslo, Norway (Remote)

- Contributed to the development of mobile, web, and VR applications used by 7,000+ monthly active users.
- Played a key role in the mobile app UI revamp and major web UI improvements for the VR platform.
- Collaborated with UX designers and engineers across the full development cycle.
- Worked on both the React-based web applications as well as Unity VR codebase.
- Promoted from Junior Software Engineer to Software Engineer after a successful first year.
- Winner of the Company Summer Hackathon 2025.

Junior Software Engineer

Arkadium

Oct 2023 – Dec 2024

Lisbon, Portugal (Remote)

- Maintained browser games played by 18M+ monthly users and delivered updates for high-profile platforms including The Washington Post, AARP, MSN, and USA Today.
- Collaborated directly with the Microsoft Games team on titles such as *Microsoft Mahjong 3D* and *Gravity Blocks*.
- Supported 2nd and 3rd party studios through the Arkadium for Developers initiative, assisting with game integrations.
- Awarded 2024 Q3 Employee of the Quarter.

MSc Internship (Thesis)

zerozero

Feb 2023 – Jul 2023

Porto, Portugal (Hybrid)

- Developed a novel metric for evaluating text diversity in sports news feeds over time.
- Improved *Prosebot*, an NLG system, by detecting and flagging repetitive generated news titles.

EDUCATION

Faculty of Engineering, University of Porto

BSc & MSc in Computer Science and Engineering

Porto, Portugal

Sep 2018 – Jul 2023

Faculty of Mathematics and Computer Science, University of Łódź

Erasmus+ Mobility Programme

Łódź, Poland

Oct 2022 – Feb 2023

PROJECTS

Evaluation of Text Diversity over time for Automatically Generated Texts in Sports Journalism *Msc Thesis*

- Developed a metric to evaluate textual diversity over time in automatically generated sports news.
- Integrated the metric into an existing NLG system (*Prosebot*) to detect repetitive content and improve output diversity.
- Technologies: Python

CERTIFICATES

Cambridge Certificate in Advanced English (CAE)

Cambridge Assessment English

Jun 2015

SKILLS

Technologies: JavaScript, TypeScript, React, Material-UI, Unity, C#, HTML5, CSS3, Phaser.js, PixiJS, Three.js, WebGL, Python

Languages: Portuguese (Native), English (Fluent), Spanish (Conversational)