

CV

Adam Mrozek

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Systems-minded engineer focused on .NET, WebAssembly, embedded systems, runtimes and low-level architecture. I build software across abstraction layers: backend systems, virtual machines, embedded devices and experimental runtime projects.

Education

Master of science, computer engineering Lunds universitet, Lund, Sverige

- Thesis: Optimization of advanced algorithms for bone imaging
 - Specialized in software
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Experience

Independent Consultant (Germany, Sweden) *2025 – now*

- Contributed to open source: WebAssembly reference interpreter by implementing IEEE-754 floating-point semantics, including edge cases around NaN propagation and rounding behavior.
- Worked with modern and traditional companies

Software Engineer (Xenergie AB, Lund, Sweden) *2022 – 2025*

- Developed efficient static random access memory intellectual property under NDA

Founding Hardware Engineer (Stealth Startup, Lund, Sweden) *2021 - 2022*

- Sole engineer responsible for product architecture, development, deployment, and maintenance.

Teacher (Lund University) *2018 - 2021*

- Teaching multiple subjects: digital electronic, discrete structures, databases

Bibliobird *2012 - 2013*

- Language learning platform, Swedish language version
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Other

- Speaker, .NET Skåne, “.NET Skåne: .NET and WebAssembly beyond the browser (2026)”

Languages: Swedish (C2), English (C1), Polish (C2), German (A2), **Other:** Drivers licence