Alex Gorischek

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I'm a product-focused engineer working on developer tools, with experience spanning exploratory prototyping, product definition, interface design, software architecture, and technical writing. My background includes scientific research, and I focus on end-to-end systems where technical capability and user experience coevolve. I primarily work in TypeScript, C#/.NET, and Swift, across graphical, text, and voice interfaces.

Experience

Senior Software Engineer

Microsoft · Jul 2022 – Present

- Designed, implemented, and operated an evaluation system for testing Microsoft AI products using natural-language assertions
- Architected end-to-end execution paths to complete in ~1 second, including model inference/embedding and network latency
- Customized coding agents to idiomatically extend system capabilities, accelerating feature exploration and delivery

Product Manager *(II & Senior)*

Microsoft · Aug 2017 – Jul 2022

- Founded and led an initiative to redefine engineering documentation and knowledge-management workflows
- Created product vision around universal discoverability, quality analysis, and sustainable maintenance
- Prototyped AI-driven knowledge elicitation, exploring how agentic tooling could augment or replace conventional authoring workflows

Technology Consultant

Independent Practice · Jan 2015 – Jul 2017

- Guided small and mid-sized businesses through selecting and deploying modern technology stacks for productivity, marketing, and operations

- Designed and implemented custom software components for line-of-business workflows
- Worked both independently and as a founding member of a small multidisciplinary consultancy

Program Manager

Microsoft · Jun 2010 – Dec 2014

- Owned the in-product Help experience for Microsoft Office, aligning interfaces with a suite-wide visual refresh across desktop, server, and web
- Improved automated test coverage and efficiency by incorporating code-coverage data into script selection
- Rewrote interface strings as a member of the Office Voice team to reduce jargon and refine tone

Education

Rice University

Bachelor of Science in Ecology & Evolutionary Biology, magna cum laude

- Ecological field research at Rocky Mountain Biological Laboratory
- Coursework in statistics, typography, philosophy of science, and marketing