

Alexander Fiodorov-Miller

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SUMMARY

Full-stack software engineer with startup grit and experience across edtech, research, and enterprise. Co-founded a Spanish-language coding platform reaching 1M+ students; led performance and delivery upgrades to expand access in underserved regions. Thrives in high-velocity teams. Passionate about building elegant, accessible software that empowers people to live their best lives.

EDUCATION

UNIVERSITY OF MEMPHIS

B.S. in Computer Science
Magna Cum Laude

Memphis, TN
Aug 2021 – May 2025

WORK EXPERIENCE

AUTOZONE

Software Engineer Intern

Memphis, TN
Jun 2025 – Aug 2025

- Delivered full-stack features on AutoZone.com using React, TypeScript, and RESTful APIs to drive measurable business impact across high-traffic product pages
- Built and trained a diagnostic assistant using NLP techniques on 1.4M+ words of AutoZone blog data, automating vehicle troubleshooting and driving personalized product recommendations
- Collaborated in Agile sprint cycles from planning to shipping, deploying scalable, cross-device solutions on Google Cloud and refining UX through iterative feedback and data visualization

INSTITUTE FOR INTELLIGENT SYSTEMS

Software Engineer Intern

Memphis, TN
Jan 2025 – May 2025

- Shipped upgrades to Glyphwitch, a full-stack annotation tool powered by Meteor.js accelerating workflows for 12+ researchers by 40% while collaborating in a cross-functional, interdisciplinary team
- Enhanced UX responsiveness, raising usability scores by 25% via debugging and optimization

EMPRINNOS

Co-Founder & Software Engineer

Memphis, TN
Jul 2019 – Aug 2023

- Co-founded a Spanish-language CS education startup at age 17 reaching 1M+ students
- Cut page load times by 45% via async module loading and content compression, boosting retention in low-bandwidth regions
- Led CI/CD rollout, A/B testing, and cross-device optimization to scale platform access and engagement

PROJECTS

EXPENSELY (React Native/Expo)

Jun 2025 – Present

- Core contributor to App Store budgeting app; built transaction engine ensuring data integrity and seamless currency handling for real-world use
- Designed sleek, personalizable UI with dark mode, native feel, and smooth animations; optimized for performance across all devices

ACADEMICS LIST (React/Django/Google Maps)

Aug 2024 – Dec 2024

- Built a location-based business review platform supporting 10K+ monthly user interactions
- Led Agile sprint cycles and shortened revision time by 50% through tight sponsor feedback loop
- Co-designed UI features using Figma and Balsamiq wireframes; led code reviews and Git ceremonies

ADDITIONAL

Languages: JavaScript, TypeScript, Python, Go, Ruby, Java, Swift, C++, C#, SQL, HTML5, CSS/SCSS

Frameworks: React, React Native, Redux, Angular, Next.js, Node.js, Meteor.js, Django, Rails, .NET

Tools: Git, GitLab, Jira, Docker, Kubernetes, Terraform, CI/CD Pipelines, Unit Testing, Linux

Cloud & Databases: AWS, Azure, Google Cloud, Oracle OCI, MySQL, NoSQL, RESTful APIs, GraphQL

Design & Prototyping: Figma, Balsamiq

Natural Languages: Fluent in English and Spanish, Conversant in German