Michelle Saad

✓ **U.S. Citizen**

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Summary

- **Senior full-stack** software engineer with **9 years** of experience
- Expertise in API & schema design, scheduling and availability applications, end-to-end feature development, technical & project leadership, and functional programming

Education

B.S. in Computer Science, Florida Atlantic University, 2014

Work History

- 2024–2025 · **ParentSquare** (by acquisition of Remind) — *Senior Software Engineer*
  - Redesigned Remind/ParentSquare's SMS messaging system to use multiple phone service providers and multiple pools of sender numbers in parallel, drastically reducing operating costs and negating the risk of catastrophic service interruptions
- 2020–2024 · **Remind** — *Senior Software Engineer* (22-'24), *Software Engineer* ('20-'22)
  - Led development of the availability & scheduling architecture for **Remind Tutoring**, a platform to schedule, manage, and host tutoring sessions with Remind teachers
  - Designed critical schemas & APIs for HQ, Remind's next-generation datamodel and API monolith
  - Wrote a blog post about Betterscaling, Remind's in-house container autoscaling service
- 2019–2020 · **SmartProcure/GovSpend** — *Software Engineer*
  - Developed the design system, theming API, and React component library for `contexture`, a backend-agnostic search & analytics framework
  - Main contributor & maintainer of `futil-js`, a JavaScript functional programming library with ~400 GitHub stars
- 2017–2019 · **Office Depot** — *Software Engineer*
  - Developed MCASA, an end-to-end warehouse management system used in all of Office Depot's 36 warehouses & 1400 stores
- 2016 · **ADT** — *Application Development Intern*
- 2015 · **Avocent** — *Software Development Intern*

Personal Projects

- **Menagerie** — monster simulation/management game made in Godot engine
  - Extensible (moddable) JSON-formatted content database with JSON-schema validation and a custom syntax & parser for JSON-encoded predicates
  - Needs-based (Sims-like) behavioral AI with modular actions composed from prerequisites
- **Write, dammit!** — dynamic speedwriting app hosted on Neocitites (can persist documents to my server via the Neocities API)
- **Chores** — task management mobile app built with React Native + Redux
- **Jeopardy** — tiny portable Jeopardy simulator built in HTML, CSS & vanilla JS
- **☆'s MHGen Talisman Editor** — single-page web app for editing Monster Hunter: Generations save data