Michael Smith

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EXPERIENCE

EveryAction / NGP VAN   Jan. 2020 - Present
Software Team Lead   Boston, MA

- Lead a Scrum team developing core fundraising features in EveryAction's flagship SaaS product.
- Worked with product stakeholders to design and execute technical solutions through the full software development life cycle.
- Delivered projects including performance-sensitive financial reporting, data visualization, data management, integration with external platforms, and automated testing.
- Coached and delivered direct feedback to software engineers to promote technical and professional growth, including successfully guiding engineers to promotion.

EveryAction / NGP VAN   May 2019 - Dec. 2019
Software Engineer   Boston, MA

- Developed full-stack software solutions for non-profit fundraising within EveryAction's large-scale, multi-tenant, SaaS CRM using ASP.NET, React, and T-SQL (Microsoft SQL Server).
- Formalized my team's release process to ensure smooth and reliable releases with minimal production issues.
- Wrote and optimized performance-sensitive reporting queries to enable sophisticated fundraising analysis for our clients.

Boston Children's Hospital   Jan. 2018 - Jun. 2018
Full-Stack Co-op   Boston, MA

- Designed and implemented a physician shift-scheduling application used concurrently by dozens of physicians using Spring, Oracle SQL, and Vue.js.

Resonate   Jun. 2016 - Jan. 2018
Software Engineering Intern   Washington, DC

- Developed and maintained core features for Resonate's flagship SaaS platform for machine learning-based marketing insights, with a scalable REST-based microservice architecture using Java with Spring Boot, Hibernate, and PostgreSQL.
- Built an internal tool for managing and reporting on a large mission-critical dataset that powered Resonate's core analytics platform.

EDUCATION

Northeastern University   Graduated May 2019
B.S. in Computer Science

- Honors: *magna cum laude*
- TA for Programming Languages / Spring 2019
- TA for Object-Oriented Design / Fall 2018
- Courses include: Algorithms & Data • Object-Oriented Design • Computer Systems • Programming Languages • Compilers • Theory of Computation • Networks & Distributed Systems

LEADERSHIP

Generation Citizen   Jan. 2017 - May 2019
Chapter Executive Director: Lead a five-member executive board that oversaw recruiting, training, and logistics for the Northeastern chapter of Generation Citizen.
Operations Director: Facilitated day-to-day chapter operations, including finance and coordination with school officials. Developed and piloted a voter registration program in two Boston-area high schools.
Democracy Coach: Taught a hands-on civics curriculum weekly to a class of middle school students.

SKILLS

Languages: C# • Java • JavaScript & TypeScript • HTML5 • CSS3 & Sass • SQL • OCaml • F# • Python • C
Frameworks: .NET + ASP.NET • Spring • React • Vue.js
Tools: git • Linux • vim • JIRA
Other: Agile • Systems Administration & Networking
Interests: Cooking • Long-Distance Running