

Michael Smith

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EXPERIENCE

Boston Children's Hospital, Full-Stack Co-op

Jan. 2018 - Jun. 2018 / Boston, MA

Worked with physicians and administrators to develop web applications that improve hospital workflows with Spring, Oracle SQL, and Vue.js.

Designed and implemented an application to improve physician call scheduling for the anesthesia department.

Improved the user experience of a tool used by physicians to report adverse events in OR operations.

Resonate, Software Engineering Intern

Jun. 2016 - Jan. 2018 / Washington, DC

Developed and maintained a SaaS platform written in Java with Spring Boot, Hibernate/JPA, and other JVM technologies.

Integrated the main Resonate platform with a pre-release API from a major social media vendor.

Implemented an internal web tool to simplify the management and reporting of a large internal data taxonomy.

Fairfax County Public Schools, Web Developer

Jul. 2015 - Jun. 2016 / Washington, DC

Developed a web application promoting high school STEM mentorship using Python, Django, PostgreSQL, HTML, CSS, and JavaScript.

Worked closely with non-technical school administration to gather requirements and rapidly iterate on business needs.

Solvere One LLC, IT Support Intern

Summer 2014 / Washington, DC

Performed face-to-face support for enterprise customers using technologies including Microsoft Exchange, Active Directory, and Office 365.

LEADERSHIP

Generation Citizen, Northeastern

Jan. 2017 - Present / Boston, MA

Chapter Executive Director - Served as president of the Northeastern Chapter of Generation Citizen, managing a 20-member team. Reported to and facilitated the goals and requirements of our parent organization.

Operations Director - Worked to facilitate chapter logistics, including budgeting and event management. Developed and piloted a voter registration program in two Boston-area high schools.

Democracy Coach - Taught civics weekly to a middle school classroom.

EDUCATION

Northeastern University

B.S. in Computer Science

May 2019 / Boston, MA

Honors: *magna cum laude* (GPA: 3.75)

Algorithms & Data • Software Development • Object-Oriented Design • Computer Systems • Programming Languages • Compilers • Theory of Computation • Networks & Distributed Systems

TA for Object Oriented Design / Fall 2018

TA for Programming Languages / Spring 2019

SKILLS

Languages

Java • Python • HTML • CSS • JavaScript • SQL • C/C++

Frameworks & Tools

Spring • JPA/Hibernate • jOOQ • Django • Vue.js • React • Bootstrap • jQuery • SASS/SCSS • PostgreSQL • JIRA • vim • git

Other

Agile • Systems Administration & Networking

Hobbies

Cooking • Distance Running • French