# | 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, BS in CS
May 2019 (Expected) / Boston, MA

GPA: 3.7 / Dean's List

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

TA for Object Oriented Design / Fall 2018

## 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