

Taha Vasowalla

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Summary A self-taught software developer with a strong background in web based programming languages and a passion to learn. Very patient and willing work out robust solutions for challenging problems.

Education **Northeastern University** - Boston, MA Class of 2021
Bachelor of Science in Computer Engineering
Minors: Computer Science and Math

Technical Skills

Programming Languages JavaScript, Java, Python, Racket, GLSL, Objective-C
Frontend Experience jQuery, React, Redux, Vue, three.js, d3.js, Webpack, Bootstrap
Backend Technologies Elasticsearch, Kafka, MySQL, Dropwizard, MongoDB
Other Experience Git, Guice, Android and iOS app development, Jira

Relevant Projects and Experience

Software Engineering Co-op - HubSpot January 2018 - Present

- Working on the Search team to index and search across everything offered by the HubSpot platform
- Currently rebuilding the UI of search results from scratch to display more about the results themselves and provide quick actions for the convenience of users
- Wrote code to add content objects to the list of searchable objects via the global search bar while ensuring that results were accurate and recall was not too high
- Learned how to optimize our search algorithm with Elasticsearch and how to use Kafka to stream changes to data into the Search team's Elasticsearch indexes
- Used React and Redux/RxJS to add a page to the product settings for company branding settings
- Modified and migrated data structures across SQL tables, Elasticsearch documents, Java classes, and JSON API responses

Software Development Intern - Lexumo August 2017

- Developed features for a customer-facing web portal using React and Redux
- Migrated frontend code from Webpack 1 to Webpack 3 and updated all packages to the latest compatible version
- Learned about corporate-level version control practices and deployment pipelines on GitLab and ticket assignment with Jira

iOS Development Intern - HHBrown July - August 2015

- Learned Objective-C to build an iOS app for users to register shoe purchases, access promotions, and locate nearby stores
- Worked closely with a graphic designer to progressively improve the appearance and user experience of the app

Eagle Scout - Boy Scouts of America 2008 - Present

- Planned and led the execution of a conservation project in Andover where we built a bench and a fence around the parking lot at a trailhead in addition to repainting the lines marking parking spaces