# JESSE OBERSTEIN

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## EXPERIENCE

### Software Engineer I, SmarterTravel Media (CRM)
Boston, MA • August 2018 - May 2020

Maintained applications and services supporting newsletter subscription management, subscriber preferences, personalization based on real-time subscriber activity, and independent email publishing from an in-house mail transfer agent. Created robust HTML templates that are sent at different cadences to about 11 million subscribers each week across the entire SmarterTravel Media portfolio.

### Software Engineer I, SmarterTravel Media (Sites)
Boston, MA • June 2017 - August 2018

Implemented new site features and pages, as well as a number of A/B tests for www.bookingbuddy.com and www.onetime.com. Consolidated and restructured the Google Tag Manager setup for both sites to be more flexible and scalable. Collaborated with team members to produce a curated collection of content-driven pages on www.onetime.com that adhere to SEO best practices. Contributed to shared internal libraries by integrating new features, such as exposing Mandarin translations for global location names.

### Software Engineering Co-op, SmarterTravel Media
Boston, MA • January 2016 - June 2016

Redesigned several pages, built components, implemented new features, and resolved bug fixes for www.airfarewatchdog.com, which handles about 5 million visitors per month. Independently ported significant functionality from legacy PHP to a Java 8 Spring MVC stack.

### Resident Assistant, Northeastern University
Boston, MA • August 2015 - May 2017

Acted as a resource for residents on my floor. Planned and executed at least five programs each semester that meet department goals. Completed administrative work as necessary. Proctored weekly and performed walking rounds of the residence hall when required.

### Developer Co-op, Cengage Learning
Boston, MA • January 2015 - July 2015

Revamped a messaging application using Spring Boot, along with Apache Camel, JMS, and AWS SNS. Collaborated with other team members on various tickets, including bug fixes and stories.

## EDUCATION

### Northeastern University, Boston, MA
2012 - 2017

College of Computer and Information Science
Bachelor of Science in Computer Science & Interactive Media

**Honors and Awards:**
Honors Program, National Residence Hall Honorary, Dean's List, Northeastern University Excellence Scholarship

## PROJECTS

### Portfolio Website
https://github.com/joberstein/portfolio-v3

A single-page ReactJS application that showcases a sampling of my artwork and provides additional information about me. I incorporated a serverless Java 11 backend for the contact form by utilizing a combination of AWS technologies: Lambda, API Gateway, and SES. I also introduced continuous integration and versioned deploys for each project module using Travis CI.

## KNOWLEDGE

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|---|---|
| **Java:** | Spring, Android, Maven, Flyway, Kafka, Redis, JUnit, Mockito, Selenium |
| **JavaScript:** | React, jQuery, NPM, Yarn, Webpack, Jest, Enzyme, Eslint |
| **Web Design:** | HTML, CSS, Thymeleaf, Velocity, Sass |
| **Database:** | mySQL, PostgreSQL |
| **Other:** | Python, Docker/Kubernetes, Kong, Unix/Bash, AWS, Grafana, Jenkins, Travis CI |

## INTERESTS

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|---|---|
| **Professional:** | Full-Stack, Web/Mobile Applications, UX/UI, API Design, Stream Processing |
| **Hobbies:** | Anime, Art/Animation, Boxing, Ping Pong, Programming, TV Shows, Video Games |
| **Languages:** | Japanese, Spanish, some Hebrew |