
JESSE OBERSTEIN

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EDUCATION

Northeastern University, Boston, MA 2012 - Present

College of Computer and Information Science

Candidate for a Bachelor of Science in Computer Science & Interactive Media, May 2017

Cumulative GPA: 3.61 / 4.00

Honors and Awards:

Honors Program, National Residence Hall Honorary, Dean's List, Northeastern University Excellence Scholarship

EXPERIENCE

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

Redesigned several pages, built components, implemented new features, and resolved bug fixes on both the desktop and mobile versions of www.airfarewatchdog.com, which handles about 5 million visitors per month. Independently ported significant functionality from legacy PHP to a modern Java 8 Spring MVC stack. Participated in frequent code reviews to ensure best practices were followed.

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

Interfaced with, and designed RESTful API's. Revamped a messaging application using Spring Boot, along with Apache Camel, JMS, and AWS SNS. Participated in Agile development using Scrum. Collaborated with other team members on various tickets, including bug fixes and stories.

Resident Assistant, Northeastern University Boston, MA • August 2015 – Present

Act as a resource for residents on my floor. Plan and execute at least five programs each semester that meet department goals. Complete administrative work as necessary. Proctor weekly, perform duty, and make rounds for the residence hall.

Research Assistant, Technion University (CGGC) Haifa, Israel • June 2014 – August 2014

Converted 3D model data from a custom (IRIT) file format to a three.js JSON format. Designed a program in C to output an HTML viewer package to display the converted model, with help from the three.js library.

PROJECTS

(see website)

Portfolio Website Python (Web/Responsive) • For Fun • August 2016

A Flask web application that features HTML templating and a contact form with server-side validation.

Number Printer Java (Web) • For Fun • August 2015

Prints out a given value into English words. User input is validated with a custom servlet.

Eliza's Numbers Java (Android) • For Fun • December 2014

An Android app in which a user tries to guess a mystery number by receiving feedback after each guess.

COMPUTER KNOWLEDGE

Languages: Java, JavaScript, Python, Unity, C#, exposure to C, C++, PHP

Web Apps: Spring MVC/Boot, Thymeleaf, Flask, Jinja

Frontend: HTML, CSS, Sass, jQuery, Bootstrap, Flight.js, Backbone.js, Three.js, React Native

Database: MySQL, MongoDB, JDO, exposure to SQLite, Redis

Tools & Testing: Git, Grunt, Maven, Tomcat, JUnit, Mockito, NPM, AWS, Jackson, Jest

INTERESTS

Hobbies: Programming, Websites, Art/Animation, Video Games, Anime, Ping Pong

Languages: Japanese, Spanish, some Hebrew