

# Oliver Yasuna

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## Summary

Results-oriented Java developer with a GitHub full of comparable projects. Through utilizing modern frameworks such as Spring and Hibernate, designing fluent and functional libraries, and RESTful endpoints, I have developed a deep understanding of Object-Oriented Programming.

## Education

**Massachusetts Bay Community College**, Wellesley MA

Associates Degree, Computer Science, Expected 05/2021

- **GPA:** 3.96
- **Honors:** Dean's List (Fall 2020), Dean's List (Spring 2020), Dean's List (Fall 2019), Honor Society (Phi Theta Kappa)
- **Activities:** Peer Tutor & Embedded Tutor (Spring 2020), Programming I Teacher's Aide (Fall 2019), STEM Mentor Program (Spring 2020)
- **Relevant Coursework:** Data Structures, Database Management Systems, Web Site Development (Directed Study on RESTful APIs), Programming II (Directed Study), Linux System Management, Systems Programming with C

## Technical Skills

**Languages:** Java, C++, SQL, JSON, Regular Expression, L<sup>A</sup>T<sub>E</sub>X

**Concepts:** Object-Oriented Programming, Data Structures, RESTful APIs, Databases

**Tools:** Maven, Git, IntelliJ IDEs, Word, Excel

**Frameworks/Libraries:** Hibernate, JPA, Spring, Vaadin, JSoup, Apache Commons Lang

## Experience

**Perthera, Inc.**, Holliston MA

05/2020 – Present

*Software Engineer*

- Progressed from intern to staff employee. Accomplished this during my sophomore year in college.
- Individually rewrote an entire application's frontend in Java with Vaadin 8 and some backend.
- Individually wrote a database to Google Spreadsheet translation. This, in the form of a RESTful API, queries a MySQL View I wrote, translates the result to CSV, and imports this data into a Google Spreadsheet.
- Programmed interoperability between databases of different forms. I wrote a RESTful API to match data between a MySQL database and HubSpot with a confidence algorithm. Data was then passed between the two. This assignment involved Java, SQL, and JSON.
- Individually updated projects with Ant/Ivy build systems to Maven.

**Massachusetts Bay Community College**, Wellesley MA

01/2020 – 05/2020

*Peer Tutor & Embedded Tutor*

- Tutored students enrolled in Programming I and Basic Math through Calculus I.
- Acted as a resource and guide to students struggling academically.
- In-class tutor for Programming I labs.

**ALARM Robotics**, Franklin MA

12/2019 – Present

*Software Development Mentor*

ALARM Robotics is a registered team in the FIRST Robotics Competition. Teams of high school students and adult mentors have six weeks to build a competitive robot.

- Mentored high school students interested in programming.
- Introduced programming concepts to mentees, such as Object-Oriented Programming, Data Structures, API usage, and basic embedded software design, with Java.

**Massachusetts Bay Community College, Wellesley MA**

09/2019 – 12/2019

*Teacher's Aide – Programming I*

- Assisted in introducing Object-Oriented Programming to students with applications in Java.
- Assisted students with lab projects.
- Checked students' lab projects.
- Was taking the course at the same time and employed on day three.

**BNY Mellon**

04/2018 – 08/2019

*Shareholder Specialist II*

In addition to the responsibilities as a Shareholder Specialist:

- Individually wrote and designed training documents for the Data Cleaning team.
- Tasked with training and monitoring new members of the growing Data Cleaning team.
- Updated 5+ client customer support documentation on demand.
- Handled systems access for new employees in the Brokerage/Retirement Accounts Customer Service department.
- Tracked and reported Data Cleaning performance numbers.
- Communicated directly with clients.

**BNY Mellon**

11/2017 – 04/2018

*Shareholder Specialist*

- Responsible for handling high-volume financial orders for multiple clients.
- Processed, researched, and quality checked mutual fund trade requests.
- Contacted mutual clients on demand.
- Data cleaned for wholesaler contacts; assisted the team lead in training, monitoring, and activity reporting on new team members.
- Proficient use of Excel and CRM software.

**Personal Projects****Hyper**

01/2021 – Present

Personal Project for financial management. Aggregates financial information from multiple sources, including bank, brokerage, 401(k), IRA, 529 Plan, and insurance accounts, credit cards, and loans. Provides utilizes to analyze transactions and trades.

This application utilizes the following concepts, tools, and frameworks:

- Spring: As the Java EE application framework in general, and for RESTful APIs and Servlets.
- Hibernate & JPA: For modeling and mapping relational data between a database.
- Vaadin 14: For the front-end user-facing interface.
- Tomcat: As the container for applicable Servlets.
- Selenium: For browser automation to acquire account information belonging to services without public APIs.
- JSoup: For use with Selenium to parse DOM where applicable. Selenium validates handles before performing operations, which is unnecessary in some cases and can be significantly slower compared to static parsing with JSoup.
- Object-Oriented Programming & Data Structures: As is with the Java programming language.

It is currently under development and the source is not public. I am happy to discuss it further.

**Gimme DOM**

07/2020 – 08/2020

This is a Vaadin 8 extension, written in Java, enabling developers to have more control over the web DOM. It provides functionality to register listeners for most DOM events and assign DOM elements' properties and style from the server-side. In summary, this project provides an API for Vaadin developers to directly access the generated DOM content in real-time.

**Links**

**Website:** <https://oliveryasuna.github.io>

**LinkedIn:** <https://linkedin.com/in/oliveryasuna>

**GitHub:** <https://github.com/oliveryasuna>

**GitHub (from my childhood):** <https://github.com/maniadevelopment>