OLIVER YASUNA

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SUMMARY

Results-oriented Java and C++ programmer with a GitHub full of comparable projects. Utilizing modern libraries such as the Java Streams API and C++ STL develops strong coding habits. Currently a full-time Computer Science undergraduate, with the goal of becoming a software developer.

EDUCATION

Massachusetts Bay College, Wellesley MA
Associates Degree, Computer Science, Expected 05/2021

- **GPA:** 3.935
- **Honors:** Dean's List (Spring 2020), Dean's List (Fall 2019), Phi Theta Kappa (Honor Society)
- **Activities:** Peer Tutor & Embedded Tutor (Spring 2020), Programming I Teacher's Aide (Fall 2019), STEM Mentor Program
- **Relevant Coursework:** Programming II (directed study[1]), Programming I, Computer Architecture & Assembly Language, Honors English II

TECHNICAL SKILLS

Languages: Java, C++, SQL, JSON, Regular Expression, LaTeX
Concepts: Object-Oriented Programming, Data Structures, RESTful APIs
Tools: Maven, Git, IntelliJ IDEs, Word, Excel
Frameworks/Libraries: Vaadin, Apache Commons Lang, Google Guava

EXPERIENCE

Perthera, Inc., Holliston MA   05/2020 – 08/2020
Software Developer Intern

- Software development with Java—backend RESTful APIs and frontend UI.
- Individually rewrote an entire application's frontend with Vaadin 8 and some backend.
- Individually updated projects with Ant/Ivy build systems to Maven.
- Programmed interoperability between databases of different forms. I.e., importing data from one model to another, with a mix of Java and SQL. Used JSON for input parameters and output.
  - For example, I wrote a RESTful API to match data between a MySQL database and HubSpot with a confidence algorithm, import some into HubSpot, or update the database.
- Used SQL and MySQL with triggers and views.

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, Westborough MA   04/2018 – 08/2019
Shareholder Specialist II

In addition to 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.
- Tracked and reported Data Cleaning performance numbers.
- Communicated directly with clients.
- Handled systems access for new employees in the Brokerage/Retirement Accounts Customer Service department.

BNY Mellon, Westborough MA   11/2017 – 04/2018
Shareholder Specialist

- Responsible for handling high-volume financial orders for multiple clients.
- Processed, researched, and quality checked trade requests.
- Contacted mutual clients as need be.
- Data cleaned for wholesaler contacts. Assisted the lead in training, monitoring, and activity reporting on new employees.
- Proficient use of Excel and CRM software.

PERSONAL PROJECTS

Trello++   09/2020 – Present

A Chrome extension that adds many features to the popular web-based Kanban-style list-making application, Trello. There is an abundance of Chrome extensions for Trello: scrums, colored cards, etc... Most of them are either hard to use or lacking sufficient configuration (in my opinion). Trello++ aims to present a single extension with broad and deeply customizable features. *Not currently on GitHub.*

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.

Java String   11/2019

Library containing a clutter of string manipulation and parsing functionality.

- Case modifier: e.g., `snake_case` to `camelCase`.
- String tokenizer: uses Regular Expression. Basic use of Object-Oriented Programming and Data Structures.
- Miscellaneous string utilities: e.g, anagram and palindrome algorithms, and Regular Expression `indexOf` implementation.

Volume Command   11/2019

Simple command-line utility written in C++ for high-level audio device configuration. This uses the Win32 API `IAudioEndpointVolume` interface, which I wanted to learn more about.

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

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[1]Completed the course with a specialized agreement between the Professor and Dean. The course was accelerated and required no class attendance.