

OLIVIA GIANDREA

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EDUCATION

Wellesley College

- B.A. in Computer Science, GPA: 3.94
- Courses from Wellesley College and MIT

Wellesley, MA

Expected Graduation: June 2023

Greely High School

- GPA: 95.727

Cumberland, ME

Aug 2016 - June 2020

Middlebury Japanese Language School

- GPA: 4.0

Middlebury, VT

Summer 2019

EXPERIENCE

Freelance Web Developer

Aug 2022 - Present

- Independently developed sites for a variety of clients, including [Wellesley's CRED Lab](#) (landing site and data visualization site), Wellesley's CS department (40th Anniversary Celebration site), professors and students at Wellesley College (personal portfolio sites), and local small businesses (informational sites).

CS Department Teaching Assistant | Wellesley College

Sep 2021 - Present

- Taught fundamentals of Python and problem-solving (CS 111) and HTML/CSS/front-end design (CS 220) in weekly lab/lecture sections and office hours to groups of 1-50 students.

Software Engineer Intern | Momentive.ai

Summer 2022

- Managed company website content with HTML, CSS, and JS (React) on the Content Engineering team.
- Completed and pushed 7 projects to main branch in 9 weeks of work, changing >1300 lines of code.
- Coordinated efforts between two teams to localize and publish site content in <24 hours, maintaining brand consistency across languages and locales.
- Implemented controls for 3 Storybook components with React, enabling users to change component attributes, thus supporting future debugging, brand consistency, and component documentation.
- Activated 2 A/B experiments on site content variations with React, resulting in a 400% increase of SQLs.

Software Systems Developer Intern | Enercon Technologies

Dec 2020 - June 2022

- Redesigned and redeveloped company intranet site with a modernized framework using HTML, CSS, JavaScript, C#, SQL stored procedures, and integrated third-party SDKs to increase floor productivity.
- Automated validation of manufacturing software, reducing 5 weeks of labor to under 23 minutes.
- Updated 5 legacy apps by translating functions from VB6 to Windows Forms (.NET, C#, SQL).
- Created multiple modernized Windows Forms (.NET, C#, SQL) to streamline common data queries.

COMMUNITY/CAMPUS INVOLVEMENT

Web Developer | Wellesley Hackathon (WHACK)

May 2022 - Present

- Independently developed and maintained Wellesley College's [official 2022 hackathon webpage](#).

SKILLS

Scripts: HTML/CSS, JavaScript, Python, SQL/MySQL, MongoDB, C#, Unix

Libraries: React, jQuery, Node.js, Express, Bootstrap

Technologies: Git, WordPress, Figma, Visual Studio Code, Jupyter Notebook, MS SQL Server

Languages: English, Japanese, French

Other: Agile development, MVC framework, .NET framework, organization, teamwork, written communication