OLIVIA GIANDREA

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EDUCATION

Wellesley College　　　　　　　　　　　　　　　　　　　　　　　　**Wellesley, MA**
- B.A. in Computer Science, GPA: 3.94　　　　　　　　　　　*Expected Graduation: June 2023*
- Courses from Wellesley College and MIT

Greely High School　　　　　　　　　　　　　　　　　　　　　　　**Cumberland, ME**
- GPA: 95.727　　　　　　　　　　　　　　　　　　　　　　　　　　*Aug 2016 - June 2020*

Middlebury Japanese Language School　　　　　　　　　　　　　　　**Middlebury, VT**
- GPA: 4.0　　　　　　　　　　　　　　　　　　　　　　　　　　　　*Summer 2019*

EXPERIENCE

Freelance Web Developer　　　　　　　　　　　　　　　　　　　　*Aug 2022 - Present*
- Independently developing 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 Python and problem solving fundamentals (CS 111) and HTML/CSS/front-end design fundamentals (CS 220) in weekly shadowed lab sections/lectures 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 three teams to translate, localize, upload, and merge site content to main 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 (C#).
- Created multiple Windows Forms (C#, SQL stored procedures) to help employees easily interact with data.
- Documented system modifications with Github/BitBucket to maintain source control.

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