OLIVIA GIANDREA

(207) 747-7480 · *olivia.giandrea@gmail.com* · *www.olivi4.com* · *linkedin.com/in/oliviagiandrea*

EDUCATION

Wellesley College | Wellesley, MA   Expected Graduation: *June 2023*
- B.A. in Computer Science, minor in Japanese (**GPA: 3.89**)
- Courses from Wellesley College, MIT, and Dartmouth College

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*
- Designed and developed websites for clients including Wellesley's CRED Lab, Wellesley's CS department, professors, fellow students, community members, and local small businesses.

CS Department Teaching Assistant | Wellesley College   *Sep 2021 - Present*
- Collaborated with Professor Scott Anderson to modernize CS304: Databases with Web Interfaces using the MERN stack, then TA'ed for the revised course in spring semester 2023.
- Instructed students in Python and problem-solving fundamentals (CS 111), front-end design/development (CS 220), and full-stack development/database administration (CS304) through weekly lab sections, lectures, and office hours for groups of up to 50 students.

Software Engineer Intern | Momentive.ai   *Summer 2022*
- Managed company content with HTML, CSS, and React on the Content Engineering team.
- Completed and pushed 7 projects to main branch in 9 weeks, changing >1300 lines of code.
- Maintained brand consistency across languages and locales by coordinating efforts between 3 separate teams to translate, localize, and upload content in <24 hours.
- Improved brand consistency/documentation by building 3 Storybook component controls.
- Achieved 400% increase in SQLs via 2 A/B experiments on site content variations.

Software Systems Developer Intern | Enercon Technologies   *Dec 2020 - June 2022*
- Increased floor productivity by redesigning and redeveloping company intranet website using an MVC framework (HTML, CSS, jQuery, C#, SQL) and integrated SDKs.
- Automated manufacturing software validation, cutting labor from 5 weeks to <23 minutes.
- Translated functions from VB6 to Windows Forms (C#) to modernize 5 legacy apps.
- Developed multiple Windows Forms (.NET, C#, SQL) to streamline employee data interaction.
- Maintained source control by documenting system modifications with Github/BitBucket.

COMMUNITY/CAMPUS INVOLVEMENT

Web Developer / Trips Leader | Dartmouth College Hackathon   *Feb 2023 - Present*
- Worked in a small team to develop and maintain DartmouthHacks 2023's webpage.
- Led day-of workshops and logistical operations for DartmouthHacks in April 2023.
- Founded the HackathonTrips club, organizing a group excursion to MIT's Bitcoin hackathon.

Web Developer | Wellesley College Hackathon (WHACK)   *May 2022 - Dec 2022*
- Independently developed and maintained WHACK 2022's webpage.
- Coordinated day-of workshops and logistical operations for WHACK in October 2022.

SKILLS

Scripts: HTML/CSS, JavaScript, Python, SQL/MySQL, MongoDB, C#, Unix
Libraries/Frameworks: React, jQuery, Node.js, Express, Flask
Technologies: Git, WordPress, Figma, Visual Studio Code, Jupyter Notebook, MS SQL Server
Languages: English, Japanese, French
Other: Agile development, MVC framework, organization, teamwork, written communication