

OLIVIA GIANDREA

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PROFESSIONAL EXPERIENCE

Software Engineer I | SurveyMonkey Jun 2023 - Present

Freelance Web Developer Aug 2022 - Present

- Designed and developed websites for clients including Wellesley's CRED Lab and CS department, professors, and students.

CS Department Teaching Assistant | Wellesley College Sep 2021 - May 2023

- 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 | SurveyMonkey Jun 2022 - Aug 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 over 1300 lines of code.
- Maintained brand consistency across languages and locales by coordinating efforts between 3 teams to translate, localize, and upload content in under 24 hours.
- Achieved 400% increase in SQLs via 2 A/B experiments on site content variations.

Software Systems Developer Intern | Enercon Technologies Dec 2020 - Jun 2022

- Increased floor productivity by redesigning/redeveloping company intranet site with an MVC framework (HTML, CSS, jQuery, C#, SQL) and integrated SDKs.
- Automated manufacturing software validation, cutting labor from 5 weeks to under 23 minutes.
- Streamlined employee data interaction by translating 5 legacy VB6 apps and creating multiple new Windows Forms applications (.NET, C#, SQL).

EDUCATION

NORTHEASTERN UNIVERSITY (ROUX INSTITUTE) Portland, ME
Sep 2023 - Apr 2025

- M.S in Computer Science

WELLESLEY COLLEGE Wellesley, MA
Aug 2020 - May 2023

- B.A. in Computer Science; Minor in Japanese (**GPA: 3.89**)
- Courses from Wellesley College, MIT, and Dartmouth College

MIDDLEBURY COLLEGE SUMMER INTENSIVE LANGUAGE PROGRAM Middlebury, VT
Aug 2020 - May 2023

- Certificate in Japanese (**GPA: 4.0**)

COMMUNITY/CAMPUS INVOLVEMENT

Web Developer / Trips Leader | Dartmouth College Hackathon Feb 2023 - Jun 2023

- 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, MySQL, Unix
- **Libraries/Frameworks:** React, jQuery, Node.js, Express
- **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