

# Alexandria LeClerc

I am a technologist with a breadth of skills crossing many disciplines of science, art, and communication. I want to make technology that is accessible, user-centric, and has a net positive impact on the world.

## Education

Doctorate of Philosophy	Bachelors of Science	Associate of Arts
Computer Science	Computer Science	Oregon Transfer Degree
<i>Oregon State University</i>	<i>Western Oregon University</i>	<i>Chemeketa Community College</i>
2023	2018	2016

## Skills

Languages	Web	Tools	Data	Design
<ul style="list-style-type: none"><li>• Python</li><li>• R</li><li>• C++</li><li>• Java</li><li>• C#</li><li>• SQL</li></ul>	<ul style="list-style-type: none"><li>• HTML/CSS</li><li>• Javascript</li><li>• JQuery</li></ul>	<ul style="list-style-type: none"><li>• Git</li><li>• GitHub</li><li>• Unit Testing</li><li>• Continuous Integration</li><li>• APIs</li></ul>	<ul style="list-style-type: none"><li>• Relational (SQL) Databases</li><li>• NoSQL Databases</li><li>• Statistics / Quantitative Analysis</li><li>• Qualitative Analysis</li></ul>	<ul style="list-style-type: none"><li>• Wireframing</li><li>• Figma</li><li>• Personas</li><li>• User Testing</li><li>• Accessibility</li><li>• Graphic Design</li></ul>

## Experience

### Assistant Professor

*Computer Science Division at Western Oregon University (2022 - 2024)*

- Created curriculum for both majors and non-majors.
- Rewrote class content to include agile and software engineering skills.
- Implemented Automated Testing Suites and Continuous Integration into processes for programming assignments.
- Advised students one-on-one on degree progress.
- Worked in multidisciplinary teams to secure grant funding and develop projects.
- Served in campus-wide committees to determine University policy and actions.

## Graduate Researcher

*College of Electrical Engineering and Computer Science at Oregon State University (2018 - 2023)*

- Conducted interdisciplinary research to evaluate the use of technology and impact on those in underrepresented groups.
- Designed, deployed, and analyzed researched how aspects of ethnicity and race, gender, disability, class, and political alignment affect use of technology.
- Responsible for organizing teams of Graduate student researchers as well as Undergraduate student researchers.
- Worked with faculty of both the Computer Science department and the Public Policy and Sociology department.

## Graduate Teaching Assistant

*College of Electrical Engineering and Computer Science at Oregon State University (2018 - 2022)*

- Supported instructors in upper division Computer Science courses by tutoring students, grading assignments, and giving lectures.
- Implemented automated testing to grade coding assignments using API defined within assignment. Used Python and GitHub API to grade submissions and participation.
- Managed small teams of Senior year undergraduates, performing a team-lead role to guide teams to complete capstone projects.

## Assistant System Administrator

*Advancement Foundation at Western Oregon University (2017 - 2018)*

- Maintained relational SQL database of fundraising data.
- Produced analysis and reports to fulfill data requests of various clients across campus and departments.
- Designed and developed web-apps providing Graphical User Interfaces (GUIs) for clients in order to automate reporting processes.
- Prepared and assisted in database host service migration.

## Undergraduate Researcher

*Center for Accessibility and Inclusion Research at Rochester Institute of Technology (2017)*

- Evaluated the use of Augmented Reality glasses as an assistive technology for d/Deaf and Hard of Hearing students.
- Responsible for conducting, pilot testing, recruitment, data collection, data analysis, and communicating research via written and verbal presentations.
- Collaborated with d/Deaf and Hard of Hearing students and researchers in iterative and inclusive design process.