

# Katie Christensen

Bothell, WA 98012

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## EDUCATION

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### Western Washington University

Bellingham, WA

Bachelor of Science in Computer Science, 3.42

Jun 2023

Minor in Biology

President's List: Winter 2020, Fall 2020

## EXPERIENCE

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### HutchResearch

Bellingham, WA

#### Undergraduate Research Assistant

Sep 2022 - Present

Currently working on a machine learning (deep learning) project for earth system modeling, specifically predicting climate weather patterns using diffusion models in collaboration with Pacific Northwest National Laboratory.

### Institute for Systems Biology

Seattle, WA

#### Undergraduate Intern Trainee

Jun 2022 - Sep 2022

Development of a graph-based application programming interface designed to expose knowledge graphs and promote innovative analyses of biomedical questions. The source code and full documentation can be found at [https://github.com/katiechristensen/KG\\_API](https://github.com/katiechristensen/KG_API).

## LEADERSHIP & ACTIVITIES

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### Computer Science Mentoring Program

Bellingham, WA

#### Administrative Team + Active Mentor

Sep 2021 - Present

The CS Mentoring Program at Western Washington University cultivates supportive and inclusive mentoring relationships with declared CS students and undeclared students interested in pursuing any major in the CS Department. We help to provide mentor/mentee pairs with training and support to facilitate professional development and foster a positive growth experience for all.

### Association for Gender Inclusion in Computing (AGIC)

Bellingham, WA

#### Outreach Coordinator + Active Member

Sep 2019 - Present

Computer Science Department club at Western Washington University. The AGIC builds an empowering environment for all people in a gender minority in computer science by providing opportunities for community, networking, professional development, and leadership.

### Society for Women Engineers (SWE)

Bellingham, WA

#### Active Member

Sep 2022 - Present

Engineering Department club at Western Washington University.

### Howard Hughes Medical Institute AEES Program

Bellingham, WA

#### Select Science Student ( $S^3$ )

Awarded 2019

The Advancing Excellence and Equity in Science (AEES) program delivers a comprehensive introduction to major issues in science with an emphasis on quantitative analysis of data. The program is supported by a Howard Hughes Medical Institute Inclusive Excellence (HHMI IE) grant that is aimed at increasing the numbers of under-represented minorities, first-generation students, and women in majors in the natural sciences.

## SKILLS

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Python   Java   C   C#   SQL   MySQL   Cypher   Neo4j   FastAPI   DBMS   LaTeX   HTML5