# Samantha Murray Tuesta

Computer Science Undergraduate and Researcher

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## Education

**Western Washington University**     **Sep. 2019 – June 2023**
*Bachelor of Science in Computer Science, Internet Resource Creation and Management Minor*     *Bellingham, WA*

### Relevant Coursework

- Formal Languages and Functional Programming
- Data Structures
- Fundamentals of Web Site Development and Management

## Experience

**Western Washington University**     **March 2022 – Present**
*Teaching Assistant*     *Bellingham, WA*
- Lead weekly interactive labs to provide guidance for prospective computer science undergraduates and encourage computer software and programming literacy.
- Conduct office hours for one-on-one collaborative work sessions.

**Western Washington University**     **July 2020 – Present**
*Research Assistant*     *Bellingham, WA*
- Undergraduate Research Assistant under Dr. Caroline Hardin, developing an interactive narrative broadening the scope in which we teach digital privacy.
- Focus on elementary to undergraduate level education, transforming socially negotiated digital privacy norms. Lesson plan currently in development to educate young minds into becoming digital privacy and technology stewards.

**Interns GDL**     **June 2021 – July 2021**
*Volunteer*     *Guadalajara, Jalisco*
- Workshop technical interview best practices, provide resume building assistance, and promote global networking
- Lead weekly coding exercises for a comprehensive review of data structures and algorithms

**Google**     **Feb. 2021 – May 2021**
*Software Product Sprint Participant*     *Seattle, WA*
- Collaborated with a team of peers to design and implement a Chrome Extension using JavaScript, HTML, and CSS over the course of 10 weeks.
- Contributed to open source software, conducted code reviews, participated in distributed development, designed new components and interfaces, and lead them to completion.

**Western Washington University**     **Jan. 2021 – March 2021**
*Internet Studies Intern*     *Bellingham, WA*
- Led in the original creation of the Internet Dashboard: a digital archive of the world's leading data.
- Extracted real-time analytics and developed PHP queries to pull and visualize data.

## Projects

**Seminar Extension** | *JavaScript, Firebase, HTML, CSS*     **March 2021 – Present**
- A Google Chrome note-taking extension allowing for cross-website note creation.
- All notes are stored using firebase authentication services and fetched from the database to be shown on its associated website and URL.

**Digital Privacy Detectives** | *Twine, JavaScript, jQuery, HTML, CSS*     **July 2020 – Present**
- Led in the dynamic design and implementation of 6 HTML pages and the creation of 6 external stylesheets for over 60 commits to GitHub.
- Actively engaging in a group of $4-5$ participants every week to discuss progress as well as problem-solve any issues that arise.

**Internet Dashboard** | *amCharts, JavaScript, PHP, HTML, CSS*     **Jan. 2021 – March 2021**
- An independent project within Western Washington University's Internship in Internet Studies Program.
- Taking the pulse of the internet and displaying it in what could be considered the "front page of the internet."

## Relevant Skills

**Programming Languages**: Java, Python, HTML, CSS, JavaScript, jQuery, JSON, C, PHP, SQL, MySQL, Databases, LaTeX, Git
**Developer Tools**: VS Code, Google Cloud Shell, Twine
**Languages**: English, Spanish