

# 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

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