

Trevor Ortega

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Education:

- **Western Washington University** Bellingham, WA
Computer Science: B.S; GPA: 3.57 *Sept. 2018 - June 2022(Expected)*
 - Member Organizations: Society of Hispanic Professional Engineers, WWU CS Distinguished Scholars, WWU Whiteboard Coders Club, WWU AI Association
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Experience:

- **Zillow** (Remote) Seattle, WA
[Software Development Engineering Intern](#) *Jun. 2021 - Present*
 - Implemented VR home tours by combining Zillow's 3D home images with the React XR library.
 - Created custom React JS components from scratch for interactively handling notifications from the navigation bar, eliminating reliance on deprecated libraries.
 - **Western Washington University** Bellingham, WA
[Undergrad Computer Vision Research](#) *Dec. 2019 - Present*
 - In collaboration with Political Scientists at UPenn and Rutgers, working on NSF grant funded research to develop novel techniques for identifying political borders in satellite images.
 - **SPIE, the International Society of Optics and Photonics** (Remote) Bellingham, WA
[Software Development Intern](#) *Oct. 2020 - May 2021*
 - Utilized a C# ASP.Net backend to handle user subscriptions for newsletters and publications.
 - Implemented JavaScript functionality for embedding mathematical equations in HTML.
 - **Faithlife Corporation** Bellingham, WA
[Software Development Intern](#) *Jun. 2020 - Sep. 2020*
 - Working within a small team, upgraded REST API routes and C# ASP.NET methods to aggregate thousands of payment transactions.
 - Improved visualizations and analytics of donations for hundreds of organizations in React JS.
 - **Jethro Mobile** Bellingham, WA
[Web Development Intern](#) *Jan. 2020 - Mar. 2020*
 - Independently built website pages and improved UI/UX features for a static web application.
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Personal Projects:

- **Tweet Synthesizer**
 - Within the Django framework, used Markov Chains and an open source Twitter scraper in order to create new Tweets in the voice of a given Twitter user.
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Skills:

- **Languages:** Python, Javascript, Java, C#, C, HTML, CSS
- **Tools:** React, ASP.NET MVC, PyTorch, Git, Unix, JSON, Visual Studio
- **Concepts:** Data Structures & Algorithms, Object-Oriented Design, Web Design, ML / AI