Trevor Ortega Email: Trevor.Ortega.12@gmail.com

linkedin.com/in/trevortega  |  github.com/trevortega                           Mobile: 602.740.0614

Education:

* **Western Washington University** Bellingham, WA

Computer Science: B.S; GPA: 3.60 Sept. 2018 – June 2022 (Expected)

* Relevant Coursework: Data Structures, Analysis of Algorithms, Object Oriented Design, Computer Systems

Experience:

* **Faithlife Corporation** Bellingham, WA

Software Development Intern Jun. 2020 - Present

* Working with a small team, using a C# ASP.Net backend to process transactions.
* Utilizing a JavaScript front-end with Node and React to allow users to visualize and manage donations.
* **Western Washington University** Bellingham, WA

Undergrad Research Assistant Dec. 2019 - Present

* In collaboration with an Ecology Professor at WWU, using a modified Object Detector in Pytorch to detect various species of birds and bird nests from overhead drone imagery.
* Working alongside a small team, used Python to scrape and format terabytes of livestream data, and aided in training a Computer Vision model to detect unique video frames from livestreams.
* **Jethro Mobile LLC** Bellingham, WA

Web Development Intern Jan. 2020 – March 2020

* Independently built website pages and improved UI/UX features.
* Improved search engine optimization through encoded HTML and JSON-LD data formatting.

Personal Projects:

* **Membership Prediction for SPIE Organization**
  + As a part of a small team, I developed machine learning models for a non-profit business.
  + Predicted the membership type of website users with over 92% accuracy.
* **Tweet Synthesizer**
  + Designed and deployed a full-stack web application using the Django Framework.
  + Utilized Markov Chains and an open source Twitter scraper in order to create new Tweets.
  + Currently hosted on Heroku at: <https://tweet-synthesizer.herokuapp.com/>
* **Stock Market Predictor**
  + Developed and deployed a full-stack web application in the C# ASP.NET MVC framework.
  + Uses dynamic graphs to display all market predictions based on an original formula.
* **Neural Network: Hackathon Entry**
  + Wrote a Neural Network from scratch in Python, without Machine Learning libraries, for an online Over-Engineering themed Hackathon.

Skills:

* Languages: Python, Java, C#, C, JavaScript HTML, CSS
* Tools: React, Node, Django, ASP.NET MVC, Microsoft Azure, Git, Unix, Vim, Tmux
* Concepts:  Data Structures & Algorithms, Object-Oriented Design, Web Design, ML / AI, Computer Vision