

Trevor Ortega

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EDUCATION:

- Western Washington University, Expected Graduation: June 2022
- Intended Major: Computer Science, B.S
- GPA: 3.8

EXPERIENCE:

Undergrad Research: Computer Vision WWU, Bellingham, WA (December 2019 - Present)

- Currently developing a script for Continuous Live Streams to scrape vast amounts of data for Computer Vision models.

Membership Prediction: Volunteer Work S.P.I.E, Bellingham, WA (December 2018 - May 2019)

- As a part of a small team, I developed machine learning models for a non-profit business.
- Predicted the membership type of their website users with over 92% accuracy.

PROJECTS:

Stock Market Predictor (September 2014 - Present)

- Created a Stock Market Predictor Web Application using the ASP.NET Framework.
- Utilizes dynamic graphs to display historic Dow Jones Data as well as predictions.

Tweet Synthesizer (June 2019 - September 2019)

- Designed and deployed a web application using the Django Framework.
- Utilized Markov Chains and an open source Twitter scraper in order to create new Tweets. Currently hosted at: <https://tweet-synthesizer.herokuapp.com/>

Neural Network: Hackathon Entry (August 1st - August 31st 2019)

- Wrote a Neural Network from scratch in Python, without Machine Learning libraries, for an online Over-Engineering themed Hackathon.

SKILLS:

- **Languages:** Java, Python, C#, C, HTML, CSS, Javascript, SQL
- **Tools:** Django Framework, ASP.NET MVC Framework, Microsoft Azure, Git, Json, Unix
- **Concepts:** Data Structures and Algorithms, Object-Oriented Design, Web Design, Machine Learning

ACTIVITIES / HONORS:

- WWU Computer Science Distinguished Scholar
- Member of the Artificial Intelligence Association at WWU
- Member of the Association for Computing Machinery at WWU
- Western Award for Excellence Scholarship Recipient
- Admitted to WWU with Highest Distinction
- Member of the Ski and Snowboard Club at WWU