Wesley Stevens

Liverpool, New York, United States

✉ wesley.ed.stevens@gmail.com

in linkedin.com/in/wesley-stevens

Summary

Leverages understanding of AI to develop cutting edge solutions to unsolvable modern problems.
M.S. in Data Science at Syracuse University. B.S. in Applied Math with a minor in Computer Science from BYU.
4 years programming experience with expertise in Artificial Intelligence (AI) & Machine Learning (ML) using Python, SQL, PyTorch, & PySpark; Specialized in Computer Vision, Out-of-distribution Detection, and Meta Learning.
3 years experience leading young adult organizations.
Published 2 research papers in AI/ML. Principle developer hobbyist, Start-up enthusiast. Learns new technologies very fast. Passionate about AI applicability. Enjoys research, development, and deployment of machine learning solutions.

Experience

Machine Learning Engineer
Scorpion
Jan 2021 - Present (1 month +)

Machine Learning Engineer
SRC
Jul 2019 - Jan 2021 (1 year 7 months)
• Deployed, researched, and developed real-time object detection pipelines on embedded platforms using Python & PyTorch
• Slashed computation for a process from 3 hours to 3 minutes by inventing a new method
• Published and presented 2 research papers on out-of-distribution detection and meta learning
• Analyzed big data with exploratory data mining and analysis on adversarial attacks
• Created a GUI for an object detection pipeline using Tkinter

Principle Developer
Turf Sports Inc
May 2018 - Jul 2019 (1 year 3 months)
• Developed the front-end for an Android and iOS app using Xamarin, C#, and XML that connects players and teams to pick-up sports
• Met weekly with a remote agile-development team to plan and code from Balsamiq Mockups

Data Analyst
Brigham Young University Marriott School of Business
Apr 2018 - Apr 2019 (1 year 1 month)
• Created a web crawler that scraped 1000+ web pages, creating a dataset for statistical analysis on published professors with Selenium, Python, and Linux

• Automated 200+ man-hours of manual data collection per session

Research Assistant, Mathematics Department
Brigham Young University

Jan 2017 - Dec 2018 (2 years)
• Modeled the growth of stable n-dimensional mathematical graph networks using Mathematica
• Invented mathematical algorithms and helped publish the findings in a peer-reviewed, professional journal

Junior Software Developer
RDA, Inc.

May 2018 - Aug 2018 (4 months)
• Automated report generation of Naval buoy drift behavior, saving the company 100+ man-hours
• Consolidated data from 21 different instruments to generate statistics using MATLAB

Education

Syracuse University
Master of Science - MS, Data Science

2019 - 2021
• (Big) Data Analytics
• Natural Language Processing (NLP) & Text Mining
• Information Security
• Data Warehousing & DB Management

Brigham Young University
Bachelor of Science - BS, Computational and Applied Mathematics

2014 - 2019
• Machine Learning
• Algorithms and Design
• Public Speaking & Storytelling
• Optimal Control
• Concentration in Physics

Brigham Young University
Computer Science Minor

2014 - 2019
• Computer Vision where I programmed an R-CNN
• Discrete Structures where I programmed a relational database engine

Skills

Machine Learning • Computer Vision • Research • Data Science • Artificial Intelligence (AI) •
Algorithms • Data Modeling • Image Processing • Deep Learning • Data Mining