

SUMMARY

Software Development student with a strong foundation in analytical problem-solving, data analysis, and research. Experienced in applying artificial intelligence and quantitative methods to solve complex challenges. Fluent in Spanish and English, with excellent communication and collaboration skills. Demonstrates a strong work ethic, intellectual curiosity, and dedication to delivering high-quality results in fast-paced environments.

EDUCATION

<b>Brigham Young University–Idaho</b> <i>B.S. in Software Development</i> <ul style="list-style-type: none"><li>o <b>Concentrations:</b> Mathematics / Artificial Intelligence</li><li>o <b>GPA:</b> 3.95   <b>Honors:</b> Dean’s List (2024,2025)</li></ul>	<i>Expected Graduation, May 2027</i>
<b>MITx</b> <i>MicroMasters in Statistics and Data Science [edX]</i> <ul style="list-style-type: none"><li>o <b>Relevant Courses:</b> Statistics, Probability, Data Analysis, Machine Learning with Python</li></ul>	<i>Expected Completion, Sep 2026</i>

WORK EXPERIENCE

<b>Lawrence Technological University</b> <i>Lead Researcher</i> <ul style="list-style-type: none"><li>• Designed neural architectures for music generation and voice synthesis models, reducing validation loss by 90% and achieving an output quality fidelity based on listener feedback.</li><li>• Developed machine learning models for early-stage Alzheimer’s detection using saliva metabolite profiles; expanded dataset from 29 to over 150 samples using synthetic augmentation via Alexzhimer, leading to an improvement in classification accuracy.</li><li>• Achieved 96% classification accuracy in MRI tumor detection while reducing model training time by 30% through pipeline optimization, feature selection, and hyperparameter tuning, applying methods relevant to scalable data systems and risk-aware modeling.</li></ul>	<b>Southfield, Michigan</b> <i>Present</i>
<b>NVIDIA</b> <i>Summer Bridge Participant</i> <ul style="list-style-type: none"><li>• Selected for NVIDIA’s invitation-only Summer Bridge Program delivered over 3 sessions (May 2025 – Present), advancing technical skills in AI and software development through hands-on workshops and mentorship by senior engineers. Completed the 10-hour "Building RAG Agents with LLMs" course.</li></ul>	<i>Present</i>

PROJECTS

<b>Autonomous Robotic Vehicle</b> <i>Team Leader</i> <ul style="list-style-type: none"><li>• Led design and build of 3D autonomous robot using C++, achieving 95% task completion rate in obstacle navigation tests.</li><li>• Coordinated a team of 5, reducing integration bugs by 25% through effective communication and collaboration. Hardware and software integration, ensuring seamless communication between sensors, motors and navigation algorithms.</li><li>• Facilitated daily stand-ups, tracked project progress, and integrated navigation algorithms with hardware in real-time systems; delivered the project on time over eight weeks.</li></ul>	<b>School</b> <i>Sep 2022 – June 2023</i>
--	--

CERTIFICATIONS

<b>Columbia University (2024)</b> <i>Corporate Finance (<a href="#">Certificate</a>)</i>	<b>ONLINE</b>
<b>Harvard University (2025)</b> <i>Web Programming (<a href="#">Professional Certificate</a>) / Cybersecurity (<a href="#">Professional Certificate</a>)</i>	<b>ONLINE</b>

SKILLS

**Finance:** Corporate Finance, Valuation (DCF, Comparables), Risk Analysis, Data-Driven Decision Making  
**Technical:** Python, C++, SQL, JavaScript, R, HTML/CSS, Excel, TensorFlow  
**Tools & Infrastructure:** AWS, Docker, GitHub Actions (CI/CD), Ubuntu Server, Django, Flask  
**Soft Skills:** Team Leadership, Communication, Analytical Thinking, Networking