

# STONE MITCHELL

Software Engineer

[stone.mitchell.45@gmail.com](mailto:stone.mitchell.45@gmail.com)

[linkedin.com/in/stonemitchell7000](https://www.linkedin.com/in/stonemitchell7000)

[stonemitchell.com](https://stonemitchell.com)

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<b>EDUCATION</b>	<i>EMBRY-RIDDLE AERONAUTICAL UNIVERSITY</i> <b>Bachelor of Science, Software Engineering</b> <b>Suma Cum Laude</b>	Prescott, AZ May 6 <sup>th</sup> , 2024 GPA: 3.9/4.0
<b>WORK EXPERIENCE</b>	<i>BIG DENALI DEVELOPMENTS, LLC</i> <b>Lead Software Engineer</b> <ul style="list-style-type: none"><li>• Second tenure at BDD, with a focus on front-end and GUI design for web applications.</li><li>• Redesigned company website as well as several new custom applications.</li><li>• Used knowledge from previous work and project experience to streamline communication and increase team productivity.</li></ul> <i>RAYTHEON TECHNOLOGIES</i> <b>Software Tester / Software Developer</b> <ul style="list-style-type: none"><li>• Part of a large team working on testing tactical software.</li><li>• Ran simulated scenarios on real missile hardware, recording and analyzing data.</li><li>• Helped create test documentation for tactical software, creating and modifying test cases based on requirements documentation. Focused on traceability of requirements.</li><li>• Part of a different team working on an internal company website, using HTML / CSS / JavaScript front end, and C# back end.</li><li>• Used Azure DevOps for work items and version control. Work items completed in weekly sprints.</li></ul> <i>BIG DENALI DEVELOPMENTS, LLC</i> <b>Lead Software Engineer</b> <ul style="list-style-type: none"><li>• Designed and developed web applications with database functionality for over 30 US-based injury law firms.</li><li>• Lead a 4-person team of developers to design custom integration for multiple client databases to pull and display case data in dashboards.</li><li>• Worked with Angular framework, Node.js, and SQL.</li></ul>	Oro Valley, AZ Aug 2023 – Jan 2025  Tucson, AZ May 2023 – Jul 2023  Oro Valley, AZ May 2019 – Apr 2023
<b>PROJECT EXPERIENCE</b>	<i>EMBRY-RIDDLE AERONAUTICAL UNIVERSITY</i> <b>SE 450 / SE 451 Team Project – Mars Ingenuity AI Subject Matter Expert</b> <ul style="list-style-type: none"><li>• Collaborator on a 6-person team developing a web application using a Large Language Model API.</li><li>• Project backed by The Jet Propulsion Laboratory (JPL), Intended to simplify the process of referencing technical information about the Mars Ingenuity Helicopter.</li><li>• Designed and tested the graphical user interface for the application using Streamlit framework.</li><li>• Wrote large body of testing documentation, laying out test cases for potential questions.</li></ul>	
<b>SKILLS</b>	<i>Languages / Tools / Frameworks / Soft Skills:</i> <ul style="list-style-type: none"><li>• Angular (HTML, CSS, TypeScript)</li><li>• Node.js / SQL</li><li>• C / C++ / C#</li><li>• JavaScript</li><li>• Python</li><li>• Azure DevOps / GitHub / Jira</li><li>• GUI Design</li><li>• SDLC Models / Phases (Agile)</li><li>• Problem Solving / Critical Thinking</li><li>• Client &amp; Team Communication / Requirements Elicitation</li></ul>	