

<b>Education</b>	<ul style="list-style-type: none"><li>• <b>Master of Science &amp; Engineering in CS</b>   2021.9 - present  <ul style="list-style-type: none"><li>◦ University of Michigan, Ann Arbor, MI</li></ul></li><li>• <b>Bachelor of Science, Dual Degree in ECE &amp; CS</b>   2017.9 - 2021.8  <ul style="list-style-type: none"><li>◦ CS @ University of Michigan, Ann Arbor, MI <b>GPA: 3.72</b></li><li>◦ ECE @ SJTU - UM Joint Institute, Shanghai, China <b>GPA: 3.51</b></li></ul></li></ul>
<b>Skills</b>	<ul style="list-style-type: none"><li>• <b>Coding:</b> (Proficient) ◦ C/C++ ◦ Python ◦ JavaScript (Familiar) ◦ C# ◦ Go ◦ Java ◦ MATLAB</li><li>• <b>Web:</b> ◦ NodeJS ◦ Flask/Jinja2 ◦ React ◦ HTML5 ◦ CSS</li><li>• <b>ML:</b> ◦ PyTorch ◦ ML Agents ◦ CUDA</li><li>• <b>Misc:</b> ◦ Unix ◦ Git ◦ Docker ◦ MapReduce ◦ AutoHotKey ◦ L<sup>A</sup>T<sub>E</sub>X ◦ Bison/Yacc ◦ SQL ◦ Unity ◦ OpenGL</li></ul>
<b>Experiences &amp; Activities</b>	<ul style="list-style-type: none"><li>• <b>DPM Laboratory, UMich, Research Assistant</b>   2020.5 - 2021.5  <ul style="list-style-type: none"><li>◦ Built a digital twin model for construction site robots in Unity Engine<ul style="list-style-type: none"><li>– Applied reinforcement learning and optimized to varying environment</li><li>– Implemented and remotely validated a VR interface for UX experiments</li></ul></li><li>◦ Deployed an vision-based ergonomic assessment system to client company<ul style="list-style-type: none"><li>– Managed a large codebase, including an iOS app and its backend</li></ul></li><li>◦ Wrote an customized electricity bill emailer in a real-world study<ul style="list-style-type: none"><li>– Generated personalized charts to be displayed on all platforms</li><li>– Designed parallelism carefully to be able to recover from failures</li></ul></li></ul></li><li>• <b>FriendsMind, Software Engineer</b>   2019.10 - present  <ul style="list-style-type: none"><li>◦ Developed a role-playing game in an amateur fan art group<ul style="list-style-type: none"><li>– Wrote JS for game mechanics, visuals, and user interface</li><li>– Built interface for designers without technical backgrounds to work with</li></ul></li></ul></li></ul>
<b>Honors &amp; Awards</b>	<ul style="list-style-type: none"><li>• <b>“Meritorious Winner” in Mathematical Contest of Modeling 2020</b>   2020.5  <ul style="list-style-type: none"><li>◦ Powered the paper with creative data manipulation and visualization</li></ul></li><li>• <b>4th place in Wolverine Game Showcase, Winter 2020</b>   2020.4  <ul style="list-style-type: none"><li>◦ Led a team of 5 on an 7-week game-dev project, managed design iterations</li><li>◦ Maintained codebase and resolved merge conflicts</li></ul></li><li>• <b>Reached Semifinal in the 5th China College Students’ “Internet+” Innovation and Entrepreneurship Competition, Shanghai</b>   2019.5  <ul style="list-style-type: none"><li>◦ Developed demo app and supported sociology teammates technically</li></ul></li><li>• <b>“Best Innovation Award” in UMJI 2018 Summer Design Expo</b>   2018.8  <ul style="list-style-type: none"><li>◦ Managed progress and conducted presentation and documentation</li></ul></li></ul>