

# Cai Chen

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## Education

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<b>Iowa State University</b> <i>Computer Engineering Sophomore</i> GPA: 3.50	Aug 2019 – May 2026 <i>Ames, IA</i>
<b>Mason City High School</b> Unweighted GPA: 4.0	Sep 2019 – Jul 2023 <i>Mason City, IA</i>

## Projects and Extracurriculars

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<b>Pi Pico Keyboard</b> <i>Personal Project</i> <ul style="list-style-type: none"><li>Created custom schematic and PCB using KiCad that allows compatibility for MX switches with correct spacing and custom layout. //IDK MAKE BETTER</li><li>Programmed Pi Pico to convert keystrokes into correct corresponding characters using python. //IDK MAKE BETTER</li></ul>	May 2024- Present <i>Mason City, IA</i>
<b>Dedicated Home Server</b> <i>Personal Project</i> <ul style="list-style-type: none"><li>Downloaded and programmed Ubuntu Linux to properly run a home server through CasaOS that can store and share files through the network.</li></ul>	May 2024 <i>Mason City, IA</i>
<b>Custom Monitor</b> <i>Personal Project</i> <ul style="list-style-type: none"><li>Converted old laptop into fully working monitor screen using control board.</li><li>Gained experience with electronic components by delicately deconstructing laptop.</li></ul>	May 2024 <i>Mason City, IA</i>
<b>Prism Solor Car Club at ISU</b> <i>Electrical Team Member</i> <ul style="list-style-type: none"><li>Used Altium to modify the main board of the new car, Andromedia.</li></ul>	Aug 2023 – Present <i>Ames, IA</i>

## Work Experience

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<b>China Buffet</b> <i>Food Preparation and Cashier</i> <ul style="list-style-type: none"><li>Work with knives to cut meats, vegetables, and fruits to ensure there was enough for five hundred plus customers per entire day.</li></ul>	Jan 2014 – Sep 2020 & Feb 2023 – Aug 2023 <i>Mason City, IA</i>
<b>Prime N Wine</b> <i>Busser and Food Runner</i> <ul style="list-style-type: none"><li>Cleaned and set tables in a quick and precise manner to preserve the fine dining experience for the diners.</li><li>Communicated with servers and cooks to ensure adequate amount of food on the buffet during closing to prevent waste.</li></ul>	Apr 2022 – Jan 2023 <i>Mason City, IA</i>

## Skills

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C, Java, Html, CSS, Altium, SolidWorks, 3D Printing, Woodworking