

# CASEY NATHANSON



## Education

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<b>EMBRY-RIDDLE AERONAUTICAL UNIVERSITY: DAYTONA BEACH</b>	<b>Expected Grad. 2028</b>
<ul style="list-style-type: none"><li>Bachelor of Science in Electrical Engineering</li></ul>	
<b>LAKE SUMTER STATE COLLEGE</b>	<b>2022 – 2024</b>
<ul style="list-style-type: none"><li>Graduated Summa Cum Laude</li></ul>	
<b>LEESBURG HIGH SCHOOL</b>	<b>2020 – 2024</b>
<ul style="list-style-type: none"><li>Graduated Summa Cum Laude</li></ul>	

## SKILLS

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- Verilog for Field Programmable Gate Array (FPGA) programming
- Vivado and FPGA boards like Basys 3
- Proficient in C programming and Arduino development
- Circuit Design and Testing
- Jira Project Tracking
- MATLAB (Beginner)

## Projects

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<b>Computer Numerical Control Machines: Assembly and Operations</b>	<b>2019 – Present</b>
<ul style="list-style-type: none"><li>Built and maintained Computer Numerical Control routers, fiber lasers, and CO2 lasers</li><li>Oversaw operations of CNC use and production</li></ul>	
<b>Facial Recognition Development</b>	<b>2022 – 2023</b>
<ul style="list-style-type: none"><li>Built and Implemented Facial Recognition software for use in security systems</li><li>Utilized Open-Source Code</li></ul>	

## Work Experience

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<b>BYTE BROADBAND</b>	
<b>Chief Executive Officer</b>	<b>2022 – Present</b>
<ul style="list-style-type: none"><li>Led business operations, including fiber internet, VoIP, IT services, and web development</li><li>Managed client relations and technical projects</li></ul>	

## EXTRACURRICULAR

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<b>BOYS STATE</b>	
<ul style="list-style-type: none"><li>Florida's American Legion Boys State Program Alumnus/Volunteer</li></ul>	<b>2023 – Present</b>
<b>BOY SCOUTS OF AMERICA</b>	
<ul style="list-style-type: none"><li>Assistant Scout Master</li></ul>	<b>2024 – Present</b>
<b>EAGLE SCOUT PROJECT</b>	
<ul style="list-style-type: none"><li>Built and Refurbished \$15,000+ in computers for homeless youth in Leesburg, FL</li></ul>	<b>2022</b>