

# Emerson Schnipke

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## Education

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<i>The Ohio State University</i>	<b>Columbus, OH</b>	(Aug 2023- May 2027)
<ul style="list-style-type: none"><li>B.S. in Computer Science and Engineering</li><li>Honors, Big Data Analytics Association, Delta Theta Sigma</li></ul>		GPA: 3.94
<i>Kalida High School</i>	<b>Kalida, OH</b>	(Aug 2021- May 2024)
<ul style="list-style-type: none"><li>Valedictorian, NHS, Student Council, Marching Band; Graduated 2 years early</li></ul>		GPA: 4.0

## Projects and Leadership

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<i>AI Powered News Reporting: Neural Narrative</i>	(June 2023-May 2024)
<ul style="list-style-type: none"><li>Co-Founded a social media platform, promoting unbiased news, using Chat GPT-3 to summarize news articles which accumulated over 500 subscribers and 300,000 views on YouTube.</li><li>Led a team of three to script, edit, and upload videos on a weekly schedule, utilizing AI to generate scripts and audio and Adobe Premier Pro and CapCut to edit videos.</li></ul>	
<i>Portfolio Website and Blog Uploader</i>	
<ul style="list-style-type: none"><li>Developed a dynamic portfolio and blog website using PHP to display posts retrieved from a MySQL database and designed a Python automation script to efficiently upload new articles to the database, streamlining content management.</li></ul>	
<i>Engineering Software Design Project (SDP)</i>	
<ul style="list-style-type: none"><li>Co-developed a blackjack simulator in C, earning the People's Choice Award for Best in Class.</li></ul>	
<i>Boy Scouts of America</i>	
<ul style="list-style-type: none"><li>Managed a team of scouts, coordinating activities, events, and campouts for a troop of 15+ members as Senior Patrol Leader, fostering leadership development, teamwork, and community service.</li></ul>	

## Technical Skills

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*Programming Languages:* Java, Python, C, C++, C#, PHP, SQL, HTML, CSS, JavaScript, MATLAB  
*Software:* Visual Studio Code, Eclipse, Premier Pro, Excel, Inventor, SolidWorks, Unity, MySQL  
*Relevant Coursework:* Intro Programming Java, Software 1, Fundamentals of Engineering Honors

## Work Experience

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<i>Miller Precision Manufacturing Industries Inc</i>	<b>Ottoville, OH</b>	(Feb 2023-Present)
<ul style="list-style-type: none"><li>Operated various CNC lathes and mills to machine specialized parts for Hobart Mixers and Crown Forklifts</li><li>Ensured over 20,000 parts were made within specific tolerances as small as .0004 inches</li></ul>		

## Honors & Distinctions

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- Dean's List, Honda-OSU Scholarship [one of 150 recipients out of 10,000 eligible], OSU Provost Scholarship, Software Design Project People's Choice Award