

# Ethan Thomas Nichols

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[github.com/EthanNichols](https://github.com/EthanNichols)

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**OBJECTIVE** To obtain a cooperative education position in software development or Project Management.  
Available from May 2018 - December 2018.

<b>EDUCATION</b>	<b>Rochester Institute of Technology (3.69 / 4.0 GPA)</b>	Rochester, New York
	BS Game Design and Development, Dean's List (2016 - current)	Expected Graduation: 2020
	Member of Computer Science House, an organization for developing social, programming, and professional skills.	

PROJECTS	Ludum Dare 36-39 [Solo]	August 2016 - Current
	<ul style="list-style-type: none"> <li>- <i>Cards of Power</i>: A collectable card game made in Unity using C#</li> <li>- <i>Galaxy Vendetta</i>: An action local multiplayer game made in Monogame using C#</li> <li>- <i>Your Room</i>: A resource collecting browser game made in Processing 3 using Java</li> <li>- <i>The Ancient Puzzle</i>: A puzzle game made in Love2D using Lua</li> </ul>	
	<b>Monster Match and Pot Smashing Dungeon [Team]</b>	January 2017 - May 2017
	Group Lead for both projects made in Monogame. Focused on programming the core mechanics in C# and organized group meetings.	
	<b>Monogame Content Pipeline Bypass [Solo]</b>	March 2017
	<a href="https://github.com/EthanNichols/Pipeline-Image-Bypass">https://github.com/EthanNichols/Pipeline-Image-Bypass</a> Researched how Monogame loads content. Then with C# created a library for loading images efficiently into Monogame, by reducing the loading steps which increased workflow.	
	<b>Full Browser Youtube Videos [Solo]</b>	March 2017
	<a href="https://github.com/EthanNichols/Full-Browser-Youtube-Videos">https://github.com/EthanNichols/Full-Browser-Youtube-Videos</a> Created a Chrome Extension using Javascript and HTML5. This extension adds a new button for videos to be displayed to the full size of the browser (like Twitch's theater mode).	

<b>EXPERIENCE</b>	<b>Post Office (RIT student worker)</b>	Rochester, New York
	<i>General help and assistance</i>	September 2017 - Current
	Organize student’s mail and packages, and facilitating package delivery.	
	<b>KSU (International Liquid Crystal Conference)</b>	Kent, Ohio
	<i>General help and assistance</i>	August 2016
	Support staff for the conference director and provided tech support for presenters.	
	<b>88.9 FM WSTB</b>	Streetsboro, Ohio
	<i>Program Director / Webmaster / DJ</i>	Jan 2014 - June 2016
	Evaluated and advised on-air personalities for 30 DJs critiquing and giving feedback. Had a live three hour show every Monday with 7,000 listeners, and maintained the station’s website.	

<b>TECHNICAL SKILLS</b>	<b>Languages:</b> C# (Adept), Lua, Javascript, Java, HTML5/CSS3, C++/C (Learning) <b>Frameworks / Engines:</b> Unity, Monogame, Love 2D, Processing 3, HTML Canvas <b>Tools:</b> Visual Studio, Git/GitHub, Blender, Photoshop
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**AFFILIATIONS** **88.9 The Alternation:** Emergency broadcasting radio station for the city of Streetsboro, OH. Also focusing on community services and charity events. Previously I was the Program Director, a vice-president level position.

**College Broadcasting Incorporated:** An organization that holds a convention every year to promote college radio stations. I was a member for two years and I presented at the 2015 CBI Conference about Emergency Procedures and how to relay information while staying safe.