

# Samuel L. Yager

---

Phone: (607)-216-2976

Email: sly4758@rit.edu

<b>OBJECTIVE</b>	A summer co-op in the field of computers with special interests in full stack programming and software design.	
<b>EDUCATION</b>	<i>Associate's of Liberal Arts and Sciences</i>	May, 2016
	Tompkins Cortland Community College, Dryden, NY	
	General Studies	
	<i>Bachelor of Science</i>	Expected December 2020
	Rochester Institute of Technology, Rochester, NY	GPA: 3.8
	Major: Computer Science	
	Minor: Computer Engineering	
<b>COMPUTER SKILLS</b>	<i>Languages &amp; Software:</i> Java, C 99, Python, Vim, Git, GCC, JetBrains Suite <i>Operating Systems:</i> WindowsOS, MacOS, Linux.	
<b>PROJECTS</b>	<i>Rubix-Solver</i>	
	C program that algorithmically solves a Rubix Cube by outputing a string of formal notation instructions. It is planned to be a framework for a future robotics project.	
	<i>Leaderboard</i>	
	Flask application that ranks players in order based on their earned Elo rating from games played on a Foosball table. A Python backend and mySQL database are used to calculate and store rankings.	
	<i>Pathbuilder AI</i>	
	Java AI built to optimally play the pen and paper game, Pathbuilder. To achieve the optimal move, a mix of Dijkstra's Algorithm, Backtracking and Slight Random selection was used.	
<b>EXPERIENCE</b>	<i>Program Director</i>	June-August 2013-15
	4-H Camp Owahta Solan, NY	
	<i>Caterer</i>	June-August 2016
	Cornell Catering Ithaca, NY	
	<i>Driver</i>	June-August 2017
	Mark's Pizzeria Groton, NY	
<b>EXTRA-CURRICULAR ACTIVITIES</b>	<i>Member at Computer Science House</i>	September 2016-Present
	A Special Interest House at RIT that encourages members to better their technical expertise by teaching about and funding member projects.	
	<i>Brickhack</i>	March 2017
	<i>CSH Fall/Spring Hackathons</i>	October 2016, April 2017