# Samuel L. Yager

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**OBJECTIVE**

A summer co-op with special focus on full stack software engineering and computer vision applications.

**EDUCATION**

*Associate's of Liberal Arts and Sciences* — May, 2016
Tompkins Cortland Community College, Dryden, NY
General Studies

*Bachelor of Science* — Expected: December 2020
Rochester Institute of Technology, Rochester, NY — GPA: 3.4 (Dean's List)
Major: Computer Science

**COMPUTER SKILLS**

*Languages & Software:* Java, C 99, Python, C#, SQL, Vim, Git, GCC, Jetbrains Suite, LaTeX
*Operating Systems:* WindowsOS, MacOS, GNU+Linux

**PROJECTS**

*Rubix-Solver (C, OpenCV)*
Implemented an algorithm that solves a Rubix Cube by outputing a string of formal notation instructions. Uses OpenCV to obtain the configeration of the cube and an Arduino for physical manipulation.

*Leaderboard (Python, Flask)*
Designed and created an application that ranks players in order based on their earned Elo rating from games played on a Foosball table. Uses a mySQL database to calculate and store rankings.

*One Reward (Java, Arduino C)*
Created an RFID system to uniquely identify users in a points based reward system. Used a SQL database to store user data, a JavaFX frontend and an Arduino to read RFID tags

**EXPERIENCE**

*TechStar* — August-December 2018
Ultimate Software Weston, FL

*Driver* — June-August 2017
Mark's Pizzaria Groton, NY

*Caterer* — June-August 2016
Cornell Catering Ithaca, NY

*Program Director* — June-August 2013-15
4-H Camp Owahta Solan, NY

**EXTRA-CURRICULAR ACTIVITIES**

*Member at Computer Science House* — September 2016-Present
A Special Interest House at RIT that encourages members to better their technical expertise by creating a

*Brickhack* — March 2017

*CSH Fall/Spring Hackathons* — October, April 2016-Present

*Founding Member of RIT Golf Club* — Spring 2017-Present