

Zachary Hart

CONTACT INFORMATION	2109 Becket Drive Flower Mound, Texas 75028	zach@cs.h.rit.edu (972) 786-5794 github.com/zthart
OBJECTIVE	Seeking a full time position or internship in Software Engineering beginning Winter 2020	
EDUCATION	Rochester Institute of Technology - Rochester, NY • Major: B.S. Computer Science • Expected graduation: December 2019	August 2015 - Present
WORK EXPERIENCE	Syncurity Integrations Engineer	https://syncurity.net July 2017 - Present
	Collaborated with a remote team in a small and fast-paced startup environment to integrate third party APIs and services into our product using Python . Wrote integrations that have been certified by leading companies in the security space (McAfee , Splunk , Cisco , ServiceNow), and participated in partner programs with many more. Started development on a new integrations framework/ RESTful API using Flask , RabbitMQ , Vault , and other technologies for job dispatching and management. Gained experience in working with a team of engineers and security analysts both within the company and as clients, remote and on-site, to understand the needs of our users.	
PROJECTS	Pourovers A Python library for parsing and manipulating CEF messages and log files - used in production in an enterprise environment, and available on pypi.	https://github.com/zthart/pourovers
	CSH Lounge Automation Aggregates control of consumer devices such as A/V receivers, projectors, and lighting control and implements X10 Automation , HDMI-CEC , and serial communications to interface with the devices. Exposes a RESTful API leveraging Python and Flask in order to allow control from any internet enabled device.	https://github.com/zthart/csh-automation
	CSH Compute Cluster Setup and Management of a small computing cluster created for members of the Computer Science House at RIT. Allows for users to submit jobs to be run and managed using SLURM Workload Manager .	https://github.com/zthart/csh-slurmguide
	Huffman Lite Written in C , Huffman Lite is a huffman-like encoding and compression algorithm. Utilizing a tree structure similar to a huffman tree, Huffman Lite can encode and decode both human readable files and binary files.	
TECHNICAL SKILLS	Languages Python, C, C#, Java Frameworks, Libraries, & Tools Flask, Django, Requests, Pytest, SQL, MongoDB, OpenGL Operating Systems Linux (CentOS/RHEL/Fedora, Debian/Ubuntu), Windows, macOS	
EXTRACURRICULAR	CSH (Computer Science House) House Improvements Director Drink Administrator	http://www.csh.rit.edu/ August 2016 - June 2017 March 2016 - Present
	Computer Science House, or CSH, is a group of technically-minded students at the Rochester Institute of Technology that all share a goal of learning and creating through collaboration. Members past and present have been responsible for creating many projects that have seen success at RIT, as well as in the public space.	