

# Cody Perakslis

<https://codyperakslis.com>, [perak005@umn.edu](mailto:perak005@umn.edu)

## Education

**University of Minnesota-TC Graduate**, grad 05/2021  
*M.S. Computer Science*

**University of Minnesota-TC Undergrad**, grad 05/2020  
*B.S. Computer Science*  
*Philosophy Major*  
*Mathematics Major*  
*Honor's Program*  
GPA: 3.901

## Skills

**Major Skill Area**  
Cloud Backend in AWS

**Major Languages**  
Python, Golang, C/C++, Swift

**CI/CD**  
Docker, Ansible, Git, Jenkins, SonarQube, Agile Method

**See More**  
Checkout out my Github [github.com/CodyPerakslis](https://github.com/CodyPerakslis)

## Work Experiences

**Edge Computing Research**, Minneapolis, MN 05/2019 - Present.  
Work in the Distributed Computing Research Group in designing a docker-based decentralized edge computing (cloud computing but with smaller volunteer machines) system, called Armada, built using Golang.

**Co-Founder of The Voy App**, Minneapolis, MN 01/2018 - 12/2019  
I am the technical co-founder of this audio-touring platform. We have the locations in a POSTGIS database hosted out of AWS to populate audio geofences in apps for iOS. Most of my development is focused on backend. I manage the programming effort and finances and org structure. <https://www.thevoyapp.com>

**Cloud Automation Intern at SPS Commerce**, Minneapolis, MN 05/2017 - 08/2018  
I worked with the cloud automation/security & compliance teams. I wrote a system to run generic tasks on a shared AWS ECS Cluster. Later refactored the code and updated the API (backwards compatibly). I set up a containerized deployment model for Ansible run on Jenkins. I set up the database and server for SonarQube and helped give a talk on why to use it and demo on how to use it.

**Csci 2021: Machine Architecture TA at UMN**, Minneapolis, MN 01/2018 - 05/2018

**Summer IT Assistant at Yankton School District**, Yankton, SD Summers 05/2014 - 08/2016

## Technical Experiences

**President and Founder of the Cloud Computing Student Group** 11/2017 - 12/2019  
I want to teach others the power of the cloud. <https://www.umnccloud.com>

**Hackathon** 10/2018, 01/2020  
**Surround** App at HackHarvard 2018. **Social Capital** App at Minnehack 2020.

**Self-Selected Class Projects** 05/2018  
Sentiment Analysis for Intro AI, VM Handoff in OpenStack++ for Dispersed Computing  
Chatbot for Senior Software Proj, Cross-Platform App Comparison for Mobile Computing

**Coding Club Guru Volunteer** 2015 - 2016  
I helped teach Scratch programming to elementary students. Ran after the instructor quit.

## Unique Experiences

**President of Philosophy Club** 04/2018 - Present.  
We have a member (usually an officer) present on a topic, then have group discussion.

**President of Tau Beta Pi** 09/2019 - Present.  
An engineering honor society with a chapter on campus. I have been a member since 01/2018.

**Writer for The Wake Magazine** 09/2016 - 10/2018  
I frequently wrote opinion pieces in the realm of technology or global policy.