

Cody Perakslis

<https://codyperakslis.com>, 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: 3.894

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

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.