

# 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* (Capstone Delayed)  
*Mathematics Major* (Capstone Delayed)  
GPA: 3.894

## Skills

**Major Skill Area**  
Cloud Backend, AWS  
**Major Languages**  
Python, Golang, C/C++, Swift  
**CI/CD**  
Docker, Ansible, Git, Jenkins, Agile Method  
**See More:** [github.com/CodyPerakslis](https://github.com/CodyPerakslis)

## Work Experiences

**Edge Computing Researcher at UMN, Minneapolis, MN** 05/2019 - Present.

- Design Armada, a decentralized edge computing system for volunteer nodes
- Write code in golang using Docker/Moby APIs
- Writing paper for publication

**Technical Co-Founder of Kanetus LLC, Minneapolis, MN** 01/2018 - 12/2019

- Created audio-touring platform for an iOS app (<https://www.thevoyapp.com>)
- Built and Maintained POSTGIS database hosted on AWS
- Wrote and Updated APIs to communicate between the app and the backend
- Hosted other resources with ECS and S3 on AWS
- Managed programming effort, finances, and org structure

**Cloud Automation Intern at SPS Commerce, Minneapolis, MN** 05/2017 - 08/2018

- Wrote system to run generic tasks on a shared AWS ECS Cluster
- Later refactored the generic-cluster code and updated the API (backwards compatibly)
- Set up containerized deployment model for Ansible run on Jenkins
- Built, tested, and deployed the database and server for SonarQube
- Helped give a talk on why to use SonarQube with a demo on how to use it
- Took over other small tickets for the cloud automation/security & compliance teams

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

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

## Extra Experiences

President of Philosophy Club	Lead presentations/discussions/outings	04/2018 - 05/2020
President of Tau Beta Pi	Managed local chapter/national connection	09/2019 - 05/2020
Hackathon: Minnehack	<a href="https://devpost.com/software/socialize">https://devpost.com/software/socialize</a>	2020
Founder of the Cloud Computing Student Group	<a href="https://www.umncloud.com">https://www.umncloud.com</a>	11/2017 - 12/2019
Class Project: VM Handoff for Dispersed Data	<a href="https://www.overleaf.com/read/hsxvgrhdphpm">https://www.overleaf.com/read/hsxvgrhdphpm</a>	12/2018
Class Project: Chatbot for Senior Software Proj	Created PoC chatbot for Sleep Number	12/2018
Write for The Wake Magazine	<a href="https://issuu.com/search?q=cody%20perakslis">https://issuu.com/search?q=cody%20perakslis</a>	09/2016 - 10/2018
Class Project: Sentiment Analysis for Intro AI	<a href="https://github.com/CalvinRoth/NLPSentiment">https://github.com/CalvinRoth/NLPSentiment</a>	05/2018
Hackathon: Hack Harvard	<a href="https://devpost.com/software/surround-7fyc9t">https://devpost.com/software/surround-7fyc9t</a>	2018
Coding Club Guru Volunteer	Taught elementary students (ran when instructor quit)	2015 - 2016
Home Project: Personal Debian Server	Connected to home router for storage/ssh/website	2016

## Awards

- 2019 U-Spatial Mapping Grand Prize Winner
- 2019 American Public Media Horizon Fund
- 2019 CSE 50th Anniversary Student Speaker
- 2019 Target Security Scholarship Winner
- 2018 Minnedemo 30 Presenter
- 2018 Holme's Center Biz Pitch Finalist
- 2017 tBRS Innovation Award Winner
- 2016 - 2020 Dean's List Every Semester
- 2016 National Merit Scholarship