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 (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

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	https://devpost.com/software/socialize	2020
Founder of the Cloud Computing Student Group	https://www.umncloud.com	11/2017 - 12/2019
Class Project: VM Handoff for Dispersed Data	https://www.overleaf.com/read/hsxvgrhdphpm	12/2018
Class Project: Chatbot for Senior Software Proj	Created PoC chatbot for Sleep Number	12/2018
Write for The Wake Magazine	https://issuu.com/search?q=cody%20perakslis	09/2016 - 10/2018
Class Project: Sentiment Analysis for Intro AI	https://github.com/CalvinRoth/NLPSentiment	05/2018
Hackathon: Hack Harvard	https://devpost.com/software/surround-7fyc9t	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