

CHRISTOPHER (LOC) LE

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EDUCATION

Augustana College

B.A, Computer Science - Dean's scholarship, Honors Program.

Graduated May 2023

Honors & Awards:

- Donald E. McLaughlin Award for Excellence in Computer Science (**top 1% of class**).
- 2nd Place Developer Week Hackathon 2019.
- **1st Place Midwest Region** (MW) of the Consortium for Computing Sciences in Colleges (CCSC).

EXPERIENCE

CYOBot

Software Engineer Intern, Backend

Remote

Nov 2023 - Present

- Designed user portal and challenges database with MongoDB, Redis, REST API, GraphQL.
- Built open-source solutions and community for developers learning robotics with MicroPython.

CloudQuant

DevOps Engineer Intern, Infrastructure & SRE Team

Chicago, Illinois

Summer 2023

- Created Prefect pipelines and backend system to optimize +100 different cloud instances' securities and costs with AWS/GCP/Azure/Vultr, Docker, NetBox, and PostgreSQL.
- Initialized Azure CI/CD pipeline to optimize the new build and dependencies conflict of CQAI Jupyterhub with Helm, and Kubernetes.
- Improved Grafana alerting on Slack and reduced SRE toils automatically for dataset availability.
Impact: Supported 85% of migration from NAS to Vultr during the time of internship.

Google Cloud

Developer Relations Engineer Intern, Cloud Infrastructure

Sunnyvale, CA

Summer 2022

- Deployed an multi-regional end-to-end solution on with GCP, Django, Flask, and Terraform.
- Initialized a GCP tool pickers over +150 available tools with NextJS with +10,000 visits/day.
- Actively collaborated to develop media promoting GCP, each achieving over 4,000 views.
Award: Received 2 internal bonuses during peer reviews.

IMI.AI

Software Engineer Intern, Full-stack

Santa Clara, CA

Summer 2020

- Launched a real-time video-communication solution with speech-to-text feature using WebRTC.
- Engineered with a robust set of features including user authentication, role-based access control to provide complete data protection, from storage to transmission with ReactJS, Go, and NodeJS.

PROJECTS

GCP Deploystack Serverless e2e Photo Sharing App - Built a serverless end-to-end photo-sharing application made from 11 Google Cloud components.

Fit Beat Depresso - Led a team during TreeHacks (Stanford) to create a platform to monitor, predict, and alert mental health with RNN, MongoDB with the Fitbit API .

RESEARCH

2023 - Connected summarized long text with RAG, LLM, and Streamlit (manuscript).

2023 - Detected fast objects in drone with Tensorflow Lite, CNN, YOLOv7, OpenCV (manuscript).

2023 ICISS - Hacked social media with Kali Linux and social engineering.

2022 IEEE World AI IoT Congress (AIIoT)

- Implemented low light object-detection with Raspberry Pi, MIRNet, OpenCV, and Tensorflow.
- Researched on different vulnerabilities and solutions in the Raspbian OS.

OTHERS

Certifications: Tensorflow Developer (Google), Machine Learning System Design (Educative), Tableau and R, PowerBi, R for Excel users, SQL.

Related course-works: Operating System, Machine Learning, Software Development, Data Structures and Algorithms, Cybersecurity and Networking, Database management.

Extracurricular: Founder - Google Developer Student Club, Mentor - HackMIT, Software Engineer - ACES App, Grader - Augustana College's SQL Class.