

Violet Oh

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EDUCATION

Bachelor of Science in Computer Science

University of Oklahoma; Norman, OK

Degree Expected: May 2023

Major GPA: 4.00/4.00 | Cumulative GPA: 3.73/4.00

SKILLS

Languages

Java

Python

JavaScript

C++

Technologies

HTML/CSS

Docker

Django

Bootstrap

Git

Visual Studio

RELEVANT EXPERIENCE

Center for Earth Observation and Modeling – Norman, OK

October 2020 – Present

Software Developer Intern

- Re-architected and upgraded the legacy GIS web-app built in Bootstrap and Django, resulting in the successful deployment of the new web-app version in Docker containers
- Implemented GIS migration from Open Layers to Google Maps and developed various interactive geocoding functions for improved user experience
- Wrote database queries and user-accessible forms for data retrieval from & insertion into the database
- Gained experience in code review, professional reporting, and team collaboration

PERSONAL PROJECTS

Personal Website – starrycode.github.io

- Built and maintained a blog system that allows easy updates of articles
- Gained experience in technical writing and responsive UI design
- Solidified algorithm concepts using visualizations and code implementations

Hackathon “Hacklahoma”

- Created a Discord Virtual Pet “Disgotchi” with Python

Hackathon at Major League Hacking “BackyardHacks”

- Collaborated on creating a mobile app that manages cultivating plants and the amount of CO2 by adding an image search feature with Google Cloud Vision

LEADERSHIP EXPERIENCE/ACTIVITIES

Google Cloud Ready Facilitator

March 2021 – May 2021

Mentor

- Competitively selected as one of two mentors at the University of Oklahoma to facilitate student interaction with the Google Cloud Ready program
- Completed the tasks regarding the Google Cloud technology in the Google Cloud Platform resulting in becoming the official Google Cloud Ready Facilitator
- Engaged with Google Cloud professionals to discuss existing quests in the Google Cloud Platform

Harvard WECODE 2021

March 2021 – March 2021

Attendee

- Gained insight on the leadership strategies women pursue in technology industries

HONORS/AWARDS

President’s Award for Outstanding Transfer Students

February 2021

- Selected as an outstanding student among transfer students and recognized at the Campus Awards Program

President’s Honor Roll

Fall 2020, Spring 2021

- Listed as one of the outstanding students for the distinction of achieving a 4.0 GPA for all course work

Dean’s Honor Roll

Fall 2020, Spring 2021

- Selected as a member of the Engineering Dean’s Honor roll for serving as a role model in the top college