**Violet Oh**

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**EDUCATION**

**Bachelor of Science in Computer Science** Degree Expected:May 2023

University of Oklahoma; Norman, OK Major GPA: 4.00/4.00 | Cumulative GPA: 3.73/4.00

**SKILLS**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Languages** |  |  | **Technologies** |  |  |
| Java | Python | JavaScript | HTML/CSS | Django | Git |
| C++ |  |  | Docker | Bootstrap | 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