

# Vinay Dawani

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## EDUCATION

### THE OHIO STATE UNIVERSITY

BS IN GEOGRAPHICAL INFORMATION SYSTEMS

Expected Aug 2021 | Columbus, OH

Specialization: Spatial Analysis

### CHOITHRAM SCHOOL

Grad. April 2017 | Indore, India

Student Government body

Duke of Edinburg Award

## LINKS

Github:// [vinaydawani](#)

LinkedIn:// [vinaydawani](#)

## SKILLS

### PROGRAMMING

Languages:

Python • JavaScript • CSS • Node

C • Solidity • NetLogo

Tools and frameworks:

Pandas • Numpy • Matplotlib • Plotly

Flask • Dash • Sass • Bootstrap •

Tailwind CSS • VueJS • PostGIS • Earth

Engine • ArcGIS API • USGS database

Database:

MySQL • PostgreSQL • IPFS • Pinata

Software:

ArcGIS Pro • ArcGIS Desktop • QGIS

SPSS • Adobe Photoshop • Illustrator •

After Effects • InDesign • XD

## COURSEWORK

### UNDERGRADUATE

Data Structures

Software Development

Database Architecture

Geospatial Data Analysis

GIS Programming, Design and

Implementation

Cartography

Remote Sensing

GIS Simulation and Modeling

## INTERESTS

Photography • Videography • Gaming

Swimming • Squash • Infographic Design

## PROJECT

### CHAINS.EVM

July 2021 - August 2021 | Vue.js, TailwindCSS, Anime.js, Ethereum

- Developed a website that allows the user to connect their ethereum wallets and add various ethereum based chains.
- Used Vue 3 and TailwindCSS as primary tools and implemented many features including dark mode.
- Utilized a CI/CD pipeline to run tests, check for code quality and, deploy on Netlify.

### EZTRACKER

February 2021 - May 2021 | Python, QGIS Python API, PyQt5

- Created an interactive QGIS plugin that dynamically finds similarities in attributes across geographical data.
- Streamlines the process of finding polygons similar to target polygon and saves the result as a QGIS color scheme.
- Worked with a team of 4 people in an agile environment with weekly sprints and full product backlog.

### SPOTIVIZ

November 2020 - December 2020 | JavaScript, Spotify API, Chart.JS

- Built a webapp that provides an analysis of users listening habits based on their Spotify library.
- Fetches user's library and attributes of songs from Spotify API using OAuth2.
- Used ChartsJS to provide insight from user's listening behavior.

## EXPERIENCE

### CLASSROOM SERVICES, OSU | STUDENT TECHNICIAN

October 2019 - December 2020 | Columbus, OH

- Maintained Digital Unions spaces where faculties and students can use university resources.
- Assisted faculty in understanding and navigating computers and software ranging from Final Cut Pro to Adobe suite.
- Updated and maintained 400+ computers and Creston Systems to keep them from malfunctioning.

## LEADERSHIP EXPERIENCE

### INDIAN STUDENTS ASSOCIATION | SECRETARY (2020),

CO-PRESIDENT (2019), WEBMASTER (2018)

April 2018 - May 2021 | Columbus, OH

- Designed and developed the organizations website as webmaster and helped maintain it for 3 years.
- Organized philanthropic and cultural events for 300+ people.
- Coordinated with several organizations to bring new facilities and events to campus.

### BUCKEYEMELA | MARKETING LEAD

April 2019 - April 2020 | Columbus, OH

- Created several fliers and promotional content for the growth of the organization and flagship event.
- Raised over \$25,000 to support Sakhi in their fight for women development.