

Vinay Dawani

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Education

THE OHIO STATE UNIVERSITY

Bachelor of Science, Geographical Information Systems
Specialization: Spatial Analysis

Columbus, OH
August 2021

CHOITHRAM SCHOOL

SAT: 1350
Student government body. Duke of Edinburgh silver award.

Indore, India
April 2017

Technical Skills and Interests

Languages: Python, JavaScript, CSS, Node, C, Solidity (Ethereum), NoSQL, PostgreSQL, Netlogo

Tools: Pandas, Numpy, Matplotlib, Plotly, Django, Flask, Dash, Express, Sass, Bootstrap, Vue, PostGIS, Earth Engine, ArcGIS API, USGS database

Software: ArcGIS Pro, ArcGIS Desktop, QGIS, Adobe suite, SPSS, Final Cut Pro

Projects

EZTRACKER

February 2021 – May 2021

Python, QGIS Python API, PyQt5 | <https://github.com/vinaydawani/EZTracker>

- 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 | <https://github.com/vinaydawani/vinaydawani.dev/tree/spotiviz>

- 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, employs OAuth2 for authentication.
- Provides various plotted charts to show relationships between user's music choices.

ISABOT

April 2020 – August 2020

Python, DiscordPy | <https://github.com/vinaydawani/ISA-bot>

- Programmed for Indian Students Association's discord server and catered to more than 500 people.
- Provides several features like auto-moderation, auto-role, event announcements, coronavirus statistics etc.
- Solved various issues for executive board with features like moderation, gathering feedback, polling etc.

Experience

CLASSROOM SERVICES, OSU

Columbus, OH

Student Technician

October 2019 – December 2020

- 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

Columbus, OH

Secretary (2020), Co-president (2019), Webmaster (2018)

April 2018 – May 2021

- 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 XIII

Columbus, OH

Marketing lead

April 2019 – May 2020

- 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 in India.

Interests

Photography | Videography | Gaming | Swimming | Squash | Infographic design