

# Rickee Vang

rickeevang@gmail.com | (916) 862-8372 | Sacramento, CA

[linkedin.com/in/rickeevang](https://www.linkedin.com/in/rickeevang) | [vang.dev](https://vang.dev)

## EDUCATION

---

**Bachelor of Science in Software Engineering**, Western Governors University *Expected April 2027*

**Geographic Information Systems Certificate**, American River College *Expected May 2027*

Relevant Coursework:

- Fall 2025: Intro to GIS, Intro to GIS Software Applications
- Spring 2026: Data Acquisition in GIS, Database Design and Management in GIS, Intro to GIS Programming, Intro to Web-Based GIS Application Development

## SKILLS

---

**Languages:** Python, JavaScript, HTML, CSS

**Frameworks & Libraries:** React, Node.js, Express, Leaflet

**GIS & Mapping:** ArcGIS Pro, ArcGIS Online, Google Maps Platform

**Version Control:** Git

## PROJECTS

---

**Midpoint Restaurant Finder** | [github.com/rickeev/rendezvous-map](https://github.com/rickeev/rendezvous-map)

- Developed full-stack application using React frontend with Node.js and Express backend to handle API requests, implement rate limiting, and process geographic calculations
- Integrated Google Maps Geocoding API and Places API to convert addresses into coordinates, calculate midpoints, and filter for restaurants within 1-mile radius

**Northern Virginia Data Center Map** | [github.com/rickeev/nova-data-center-map](https://github.com/rickeev/nova-data-center-map)

- Built interactive web map visualizing 230+ data centers in Northern Virginia using Leaflet to demonstrate spatial data visualization capabilities
- Collected data center information manually and wrote a Python script using Nominatim Geocoding API to transform it into structured GeoJSON format

**Discord Message Extractor** | [github.com/rickeev/discord-message-extractor](https://github.com/rickeev/discord-message-extractor)

- Created Python CLI tool capable of handling 10,000+ Discord messages per second with multi-format export, enabling users to archive and analyze chat history
- Designed filtering system supporting date ranges, keyword searches, and statistical analysis including user activity patterns, message frequency trends, and word count distributions

## VOLUNTEER EXPERIENCE

---

**OpenStreetMap Contributor** | [openstreetmap.org/user/rickee2](https://openstreetmap.org/user/rickee2) *May 2025 – July 2025*

- Contributed 56,000+ map edits including buildings, land use areas, and points of interest
- Updated business, park, and infrastructure tags to improve data accuracy and quality