

# Rickee Vang

rickeevang@gmail.com | [linkedin.com/in/rickeevang](https://linkedin.com/in/rickeevang) | [vang.dev](http://vang.dev) | Sacramento, CA

## EDUCATION

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<b>Bachelor of Science in Software Engineering</b> , Western Governors University	Expected April 2027
<b>Geographic Information Systems Certificate</b> , American River College	Expected May 2027
Relevant Coursework: Intro to GIS, Intro to ArcGIS Pro, Cartographic Design, Spatial Analysis & Modeling	

## SKILLS

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<b>Languages:</b>	Python, TypeScript, JavaScript, HTML, CSS
<b>Technologies:</b>	React, Supabase, Jest, Git
<b>GIS Tools:</b>	ArcGIS Pro, ModelBuilder, GDAL, Leaflet, Google Maps Platform

## EXPERIENCE

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<b>Software Development Engineer Intern</b>	December 2025 – Present
ShareVita	Remote
<ul style="list-style-type: none"><li>Debugged Taskfile and shell scripts to fix local dev environment setup on Linux and macOS</li><li>Reduced redundant Supabase writes via field-level change detection in profile updates</li><li>Extended booking update feature to support multi-date and recurring ride management</li><li>Wrote comprehensive Jest unit tests achieving 100% coverage to ensure data integrity and reliability</li><li>Follow GitHub workflows, including branching, pull requests, and peer collaborative development</li></ul>	

## PROJECTS

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<b>Sacramento County Fire Infrastructure Analysis</b>   <a href="https://github.com/rickeev/fire-infrastructure-coverage">github.com/rickeev/fire-infrastructure-coverage</a>	
<ul style="list-style-type: none"><li>Wrote a Python script to query Mapillary's computer vision API, detecting and extracting 35,000+ fire hydrant locations across Sacramento County</li><li>Built an interactive Leaflet map with marker clustering to efficiently render large geospatial datasets</li></ul>	
<b>Northern Virginia Data Center Map</b>   <a href="https://github.com/rickeev/nova-data-center-map">github.com/rickeev/nova-data-center-map</a>	
<ul style="list-style-type: none"><li>Built an interactive Leaflet web map of 230+ Northern Virginia data centers by collecting data and geocoding it with Python for spatial insights</li></ul>	
<b>Midpoint Restaurant Finder</b>   <a href="https://github.com/rickeev/rendezvous-map">github.com/rickeev/rendezvous-map</a>	
<ul style="list-style-type: none"><li>Developed a full-stack React and Node.js app using Google Maps APIs to calculate geographic midpoints and display nearby restaurants with caching and API rate limiting</li></ul>	
<b>Discord Message Extractor</b>   <a href="https://github.com/rickeev/discord-message-extractor">github.com/rickeev/discord-message-extractor</a>	
<ul style="list-style-type: none"><li>Created a Python command line tool to extract and archive Discord conversations, handling complex HTML parsing, thread reconstruction, and date-range filtering for 5 different export formats</li></ul>	

## VOLUNTEERING

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<b>OpenStreetMap Contributor</b>   <a href="https://openstreetmap.org/user/rickee2">openstreetmap.org/user/rickee2</a>	May 2025 – July 2025
<ul style="list-style-type: none"><li>Contributed 56,000+ map edits by digitizing geographic features and updating metadata tags</li></ul>	