

## Contact

1805 Madison Park Dr  
Columbia, MO 65203  
573-826-0721 (Home)  
joshua.c.kendrick@gmail.com

[www.linkedin.com/in/joshuackendrick](http://www.linkedin.com/in/joshuackendrick) (LinkedIn)  
[joshkendrick.us](http://joshkendrick.us) (Portfolio)

## Top Skills

Java  
Android  
PostgreSQL

# Josh Kendrick

Engineer 2 at Enterprise Holdings  
Columbia, Missouri

## Summary

I am a bright, self-motivated, and organized software engineer. I'm good at getting up to speed with new methods and technologies, and I'm eager to help your organization succeed.

---

## Experience

### Enterprise Holdings

#### Engineer 2

November 2018 - Present

Columbia, Missouri Area

#### ECARS, Rental Operations Team

- Perform work in all phases of the software engineering cycle; from initial concept through to implementation and deployment to production
- Support a multi-billion dollar business application (ECARS) by maintaining existing functionality while adding new features

### Boundless Spatial, Inc.

#### Software Engineer

June 2017 - November 2018 (1 year 6 months)

Columbia, Missouri Area

Tech Used: Golang, Kubernetes, Python, Kafka, Protobuf, Java, Spring Boot, Android dev stack

#### Scalable Infrastructure Dev and Support:

- WORM - Golang service that sits between clients/front-ends and Kafka. Receives requests, translates them to Protobuf message, places on Kafka, returns responses, etc.
  - Kubernetes, etc. - Developing manifests, supporting deployments
  - SpatialIO - Python service to receive geospatial data files and process them into PostGIS and/or Geoserver
  - Briefly wrote services for Spring Boot, utilized Eureka
- SpatialConnect SDK (Android):
- Briefly aided mobile team in bug-fixing and platform stabilization

## Spatial Networks

### Software Engineer

September 2014 - June 2017 (2 years 10 months)

Columbia, MO

Tech Used: Java, Android, Android Studio, Fabric, Firebase, Facebook, Retrofit, Picasso, Sanselan

#### Fulcrum (Android):

- Design, implementation, publishing, maintenance: individually responsible for all phases.
- Enhancements include: Many UI upgrades & optimizations, e.g. 'Material' modernization.
- Barcode, Audio Fields, In-App Signup, URL Actions, Form Gallery.
- Creation, support of automated tests for application flow, database upgrades, stress testing, model integrity, etc.

## Thermopylae Sciences + Technology

### Software Engineer

February 2013 - September 2014 (1 year 8 months)

Columbia, Missouri

Tech Used: Java, Android, GeoTools, HTML/CSS/JavaScript, ExtJS, JUnit, Jasmine

#### Ubiquity Mobile Solution Suite:

- Added Android Maps component that retrieves, caches, and draws WMS, WMTS, and WFS data.
- Created algorithm for tracking and reporting a user's location; designed to provide the best picture of a device's route while optimizing battery life and bandwidth.
- Assisted in development of an SDK to allow developers to extend the product.

#### iSpatial (Geospatial Web Product):

- Developed a common data access service: connects to multiple data sources (databases, files, etc.), manages data, and provides APIs (geospatially enabled) for retrieving data.
- Primary backend developer: created asynchronous workers for a service-oriented

architecture, and wrote extensive architecture documentation and developer walkthroughs to aid customers in extending product.

## NGA

GIS Project Scientist, Band 3

June 2009 - February 2013 (3 years 9 months)

St. Louis, MO

Tech Used: Java, Android, Python, Django, HTML/CSS/JavaScript

Hermes:

- Sole developer of Hermes: a geospatial software solution comprised of a web application, Android

application, and Django backend; used to track personnel and report photo-tagged events.

- Provided in-country support to Hermes London 2012 Olympics deployment: ~60 devices with ~16 hour/day usage. Has also been deployed for UN General Assemblies and Pan American Games.

---

## Education

University of Missouri-Columbia

Bachelor of Science (B.S.), Computer Science · (2007 - 2011)