John J. Herman

Software Engineer

Smyrna, GA
(770) 241-6512
hermanjohn2@gmail.com
linkedin.com/in/john-joseph-herman
github.com/hermanjohn2
johnherman.netlify.app

EXPERIENCE

Software Engineer (Contract)   Jan 2022 - PRESENT
Community Foundation for Greater Atlanta

- Provided software engineering support for *Neighborhood Nexus*.
- Rebuilt entire backend for an existing *CSPAV* UI with Node.js, Python, Express and MongoDB.
- Designed and developed new REST APIs, with documentation, for the *Eviction Tracker* project with Node.js, Express and MongoDB.
- Refactored all UI data processing and component functionality to improve application performance on the *DataNexus* project.
- Upgraded all dependencies and refactored source code associated with dependency upgrades on the *Eviction Tracker*, *Data Explorer* and *DataNexus* projects.
- Documented a web scraper that scrapes and processes eviction case data for the *Eviction Tracker* project with Node.js and MongoDB.

Asst. Full Stack Developer (Contract)   Feb 2021 - Jan 2022
Community Foundation for Greater Atlanta

- Assisted the Research & Application Development Coordinator at Atlanta Regional Commission by developing, maintaining and refactoring ARC and Neighborhood Nexus projects.
- Implemented sessioning into *DataNexus* to document state persistence with Express, MongoDB and React.
- Designed a data flow map to assist in refactoring redundant data state and improve application performance with Google Drawings.
- Developed a new data set uploader to expedite the process of adding new indicators to the *DataNexus* project with Node.js and MongoDB.
- Designed and documented a data set uploader that joins Metro Atlanta property data from multiple CSVs with Node.js and MongoDB.

Full Stack Web Development Tutor   Oct 2020 - July 2022
Trilogy Education Services

- Aided students in learning HTML, CSS, JavaScript, Node, MongoDB, MySQL, Express and React.
- Guided students to develop their own ability to solve problems.

EDUCATION

Georgia Institute of Technology   Aug 2020
Certificate in Full Stack Web Development

LANGUAGES

JavaScript
HTML
CSS
Node.js
TypeScript
Python

FRAMEWORKS / LIBRARIES

React
Express
Leaflet
Turf.js
Chart.js
Recharts
Passport

DATABASES

MongoDB
SQL
IndexedDB

METHODOLOGIES

Git
Pair Programming
Agile Development
Object-Oriented Programming
Functional Programming
REST Web Services
Wireframing
Web Scraping