

# PARKER JONES

Software Developer

## PROFILE

Experienced software engineer with an extensive background in project management, business analytics, as well as mobile & desktop applications. Looking for a leadership position where said technical abilities & creative problem solving will be a profitable addition to a team.

## PROGRAMS & LANGUAGES

- Java
- C & C++
- **GoLang**
- **JavaScript**
- Kotlin
- Node.js
- Assembly
- **HTML/CSS**
- Adobe Suite
- Docker
- Python
- ReactJS
- mySQL
- PHP
- **Bash**
- Various IDE's
- **Linux**
- Dart
- **Flutter**
- Kubernetes

## SKILLS

- Web development & UI/UX design
- Project management
- Mobile application development
- Leadership
- Troubleshooting
- Detail-oriented
- Desktop application development
- Business Analytics
- Efficient multitasking
- Technical documentation
- Database architecture
- Strategic planning
- LAMP administration

## CONTACT

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## WORK HISTORY

### Lead Technical Analyst

**QSI Consulting, Inc** (Remote)

Aug 2022 - Present

- Design and Management of all internal and client facing software products
- Advise leadership on current software trends, best practices, and likely future developments
- Maintained and improved legacy software systems

### Software Engineer

**Cooksy, Inc** (Remote)

April 2020 - Aug 2022

- Design and Implement responsive UI in Flutter for a variety of device types
- Management of backend infrastructure including Postgres, Kubernetes, Docker, Gcloud, Redis, and more.
- Acted as a lead for various smaller & proof-of-concept projects which served as the basis for future products

### Chief Operating Officer

**Ellem, Inc.** (St. Louis, MO)

Dec 2019 - Jan 2023

- Managed client connections to develop & execute various project timelines
- Work management & delegation in a small team setting across multiple locations over various projects & tasks
- Maintained rigorous documentation on workplace practices & policies
- Research & develop systems, processes & procedures that increase the overall efficiency of the company

### Software Engineer

**Ellem, Inc.** (St. Louis, MO)

Oct 2016 - April 2020

- Performed server administration on both in-house & cloud infrastructures
- Designed & developed multiple successful web application types, along with relevant cross-platform mobile & desktop applications
- Created internal tools with several languages to improve developer workflow

### Administrative Assistant/AutoCAD Designer

**Midwest Engineering** (Edwardsville, IL)

May 2017 - Aug 2017

- Drafted & designed blueprints from annotated images
- Calculated repair costs from blueprints & quoted job bidders
- Budgeted & built several office servers & workstations
- Worked collaboratively with other AutoCAD designers to achieve milestones

## ACADEMIC BACKGROUND

### University of Missouri - Columbia

B.S. Computer Science (Columbia, MO)

Aug 2016 - Dec 2019

# PROJECTS

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## Local Access, LLC v. Peerless Network, Inc., Case No. 17-cv-00236

**Ellem Inc.** (Saint Louis, MO) Oct 2022  
Software consulting job for the Local Access v. Peerless Network on behalf of QSI Consulting. Primary responsibilities was data triage and analysis regarding telecommunication data.

## CenturyLink Communications, LLC, v. Peerless Network, INC. Case No. 18-cv-03114

**Ellem Inc.** (Saint Louis, MO) Sept 2022  
Software consulting job for the Peerless v. Century Link FCC case on behalf of QSI Consulting. Primary responsibilities was data triage and analysis regarding telecommunication data.

## Barry

**Independent** (Saint Louis, MO) July 2022  
Designed a discord bot which can receive messages/commands from users and perform various actions. Specifically, Barry manages a song queue and can play web-based audio sources through discord using WebRTC.

## TAY Photos

**Independent** (Saint Louis, MO) June 2022  
Created a full stack application used for hosting online photo galleries for photographers. Conveniently allows photographer to create, customize, and manage galleries. Allows clients to access private gallery links to view, download, or purchase full resolution images

## Cooksy

**Cooksy, Inc.** (Remote) Mar 2022  
A cross-platform mobile application written in Flutter to support interactions with the Cooksy sensor (thermal + video cam). This application supported browsing recipes, following guided recipes, recording recipes, creating guided recipes, and more.

## Cooksy Web

**Cooksy, Inc.** (Remote) Jan 2022  
A web platform for all future web-based Cooksy features. Primarily, allowing user's to view and follow Cooksy Recipes on a desktop browser. Made using Next.js and Node.js backend. Utilized SSR and schema microtags in order to improve SEO.

## Enterprise Video Analytics Platform (EVAP)

**Cooksy, Inc.** (Remote) Oct 2021  
A web-based platform that acts as a training pipeline for machine learning models. Allowed for managing training data, managing machine learning models, training machine learning models, and annotation tools for users creating training data.

## WebRTC Object Detection

**Cooksy, Inc.** (Remote) Aug 2021  
A proof-of-concept internal project which allowed users to stream a webcam/video source via WebRTC to the backend where we performed real-time object detection using ML, overlaid the resulting bounding boxes, and streamed the overlaid video back to the user

## Utilisource

**Ellem, Inc.** (St. Louis, MO) Feb 2021  
Creating a custom, fully featured ticketing & CMS system to be used by Utilisource/Sellenriek Construction. Built with a Golang MySQL backend. HTML, CSS, WASM frontend. Utilized custom web-server middleware, vorlage, built by Ellem Labs.

## PrivacyPass

**Ellem, Inc.** (St. Louis, MO) Dec 2020  
Produced a multi-platform application which managed how a user's social media information was distributed to those they know using advanced encryptions technologies (Blockchain, client-side encryptions). This was a frontend application built for: web, IOS, & Android.

## Equine SmartBit

**Ellem, Inc.** (St. Louis, MO) Sep 2020  
Created a React Native application which ran on IOS & Android platforms. This application provided real time analytics over bluetooth connection of data streams collected from Equine SmartBit's proprietary monitoring device.

## Dossibay

**Ellem, Inc.** (St. Louis, MO) Aug 2020  
Created & marketed secure file transfer product for the professional service industry built around confidentiality boasting unique features, such as hardware accelerated client side encryption.

# PROJECTS

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## QSI

**Ellem, Inc.** (St. Louis, MO) Aug 2020  
Parsing Geospatial data (.kml/.kmz files) for customer information to be used in a purchasing deal between LLA & WorldNet Puerto Rico. Parsed client agreement .pdf documents for information which was then uploaded to SQL database.

## QSI

**Ellem, Inc.** (St. Louis, MO) Aug 2020  
Creating a new company website for QSI Consulting, Inc. to serve as an informative connection funnel for new clients & inquiries. Entirely custom made, written primarily in HAML, SCSS, & Javascript.

## United States of America ex rel. Todd Heath v. Wisconsin Bell, Inc. Case No. Case No. 2:08-cv-000876-LA (Lead Case No. 2:08-CV-00724-LA)

**Ellem Inc.** (Saint Louis, MO) Feb 2020  
Software consulting job for the behalf of QSI Consulting. Primary responsibilities was data triage and analysis regarding telecommunication data in addition to building out a report generation tool for various data analyses

## QSI

**Ellem, Inc.** (St. Louis, MO) Jun 2019  
Consulting job done for a client of QSI, a shipping company who supplies nearly all of Hawaii with their services. Involved creating a web application to create Excel Spreadsheets of their finances to present to the Hawaiian state government. Worked intimately with the CFO of QSI in order to fulfill project requirements.

**System Update:** Aug 2019  
• Creating a more efficient & robust application to generate excel spreadsheets displaying all sorts of financial data & statistics regarding a Hawaiian shipping companies books. A drastic improvement on the legacy architecture & subsequent execution time.

## Bandwagon

**Ellem, Inc.** (St. Louis, MO) Feb 2019  
Created a social media driven application for Android platform in Java/Kotlin. Bandwagon is a social networking phone application targeted at the music industry & local communities. It's purpose was to connect users based on various filters.

## SmartGeo Tech

**Ellem, Inc.** (St. Louis, MO) Dec 2018  
Consulting job done for SmartGeo Tech which involved creating an application for managing employee timesheets. This allowed the creation, deletion, and updating of timesheets in addition to exporting reports.

## MEDITECH

**Ellem, Inc.** (St. Louis, MO) July 2017  
Consulting job done for Meditech - a health care company - ensuring their compliance with current federal regulations in the context of secure transfer & storage of electronic health record (EHR) data.

## SmartDRN: An Adaptable Dynamic Spectrum Access Architecture for Efficient Disaster Response

**University of Missouri - S&T** (Rolla, MO) Nov 2016  
Acted as an undergraduate researcher & programmer for a project whose aim was to simulate & implement a solution for repairing communication networks post-natural disaster in order to provide a better means of communication between victims & first responders.