

Alexander Kraieski

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Objective: Dedicated and versatile full/multi-stack engineer seeking to contribute innovative solutions in a dynamic and collaborative environment. Open to freelance/consulting engagements. Hablo español tambien.

Work Experience

Staff Engineer- full-stack web development

Nov 23 - present

Agility ERP

- Collaborated with cross-functional teams to deliver an industry-specialized, seo-friendly spatial search platform
- Spearheaded implementation of TALL stack, PostGIS, and redis to enhance user experience, performance, and long-term maintainability of a growing web ecosystem.

Software Developer

2019 - 2023

Transitional Data Services- Westborough, MA

- Collaborated with cross-functional teams to implement report designs in Logi Report Designer and integrate with leading IT transition software product
- Developed internal R package and data visualizations interfacing with Transition Manager product and its MySQL database

Technician

2018

Beyond Inc- Portsmouth, NH

- Customer Support (tier 1 and 2) for PeachWorks restaurant management/analytics software and Tend POS
- Demonstrated proficiency in PAQL, a specialized language for customizing queries in PeachWorks Analytics

Open Source Contributions

Notable Open Source Projects

- **formula1data:** Author. Popular R package to import motor racing data from an api and run local SQLite and DuckDB databases (2019 - present)
- **c3plot:** Author. Engineered a solution to adapt R's OO statistics visualization interface for use with the 'html-widgets' JS framework and the C3.js charting library.CI for Windows, Mac, and Ubuntu. (2021, 2023)

Education

BS Political Science

2017

Clemson University

- Coursework in quantitative methods w/ labs in R (focusing on interpreting applied statistics).
- Minor in Business Administration: excelled in coursework on economics, finance, business law, Spanish, and more.

Skills

- Hypothesis testing and telling compelling "data stories"
- Strong Communication and Collaboration Abilities
- Programming Languages: R, PHP, JavaScript, C++ (Rcpp), Python
- Web frameworks: Laravel/Livewire, Tailwind CSS, Alpine.js, Statamic CMS
- Data science frameworks/libraries: Tidiverse, D3.js, Jupyter, OJS notebooks, H2O.ai, Transformers
- Testing automation: PHPUnit, R's testthat
- Data Analysis: Data viz, Exploratory Data Analysis, statistical modeling, gradient boosting, and neural networks
- IDEs and debuggers: PHPStorm, RStudio, Docker (for reproducible dev environments)