

Julian Schriedel

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Software Engineer in St. Louis, MO

Innovative and independently motivated Analyst with 10+ years of data science experience in the social sector. Leverages research, technology, and data analytics to define complex problems and drive data-informed decision-making.

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WORK EXPERIENCE

Research Analyst — 22nd Judicial Circuit Court, St. Louis, MO

August 2021 - Present

- Develops and implements reports in Cognos Analytics to inform management decisions on the Juvenile Alternatives to Detention Initiative, pre-trial bond hearings, Raise the Age and Jail Removal legislation, and age of pending civil and criminal caseload.
- Performs database queries in Cognos Analytics to extract and manipulate large datasets from the court's database system.

Research Assistant — Washington University, St. Louis, MO

July 2020 - August 2021

- Collaborated with Mastercard Center for Inclusive Growth and data.org to develop and implement a Data Science for Social Impact (DSSI) learning curriculum for social sector leadership. Performed a literature review on existing DSSI educational initiatives and best practices; co-authored 3 research briefs and a final report.
- Cleaned, coded, and interpreted quantitative and qualitative Career Services survey data to identify gaps in student support and analyze alumni employment trends.

Program & Development Associate — Gene Slay's Girls & Boys Club of St. Louis, St. Louis, MO

August 2011 - June 2021

- Designed and deployed data dashboards in excel for monthly Prop S reporting and quarterly financial reporting. Maintained data integrity in membership, donor, and event databases.
- Led community project team: managed resources and funding; developed research strategy and data collection tools; engaged partners and stakeholders; prepared final project report to grant funder.

PROJECT EXPERIENCE

MyHabitTracker — Habit Tracker/Social Networking

- Users will be able to customize their page in a similar fashion to old-school myspace while also displaying their goals and daily habits they'd like to track.

EDUCATION

SKILLS

PROGRAMMING LANGUAGES

- JavaScript
- Java
- R
- Python
- HTML
- CSS

FRAMEWORKS

- Bootstrap
- AngularJS

DATABASES

- MySQL
- Oracle

TOOLS

- Cognos Analytics
- Tableau

AWARDS

Graduate Policy Scholar for supplementary coursework in policy practice and community advocacy in addressing social inequity

LaunchCode, LC101 Programming Course — 2022

Washington University in St. Louis, Master of Social Policy — 2021

Washington University in St. Louis, Master of Social Work — 2020

Saint Louis University, BS, Environmental Science — 2015