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| Tracey Cannon  SOFTWARE ENGINEER IN ST. LOUIS, MO | | | | | |
| **PHONE** 314-498-8529 | **EMAIL** [tlarhein@gmail.com](mailto:tlarhein@gmail.com)  **GITHUB** [https://github.com/tlarhein](https://github.com/tlarhein?tab=repositories) | **LINKEDIN** [www.linkedin.com/in/TraceyLCannon](http://www.linkedin.com/in/TraceyLCannon) | | | | | |
| I incorporate a strong sense of detail and analysis skills into the development of user-experience programming that resolves questions and improves value. I am interested in continued skill in programming development. | | | | | |
| **LANGUAGES**   * **• Java** * **• Python**   **• SQL** |  | **FRAMEWORKS**  **• Bootstrap**  **• Flask**  **• Spring MVC**  **• Spring Boot** |  | **TOOLS**  **• MySQL • IntelliJ**  **• Visual Studio • GitHub**  **• Git • MAMP** | **ANALYSIS**  **• STATA**  **• GeoDa/GIS**  **• Atlas-TI** |
| **PROJECT EXPERIENCE** | | | | | |
| ResearchEase — User-Experience Data Collection Tool  * Designed to simplify but enhance the research process * UI for iOS, Android, tablet and laptop platforms * Java, Spring, Thymeleaf, HTML, IntelliJ, with MySQL for real-time data access * Effective across multiple industries; i.e., social science, sales, crime analysis and more * <https://github.com/tlarhein/ResearchEase> | | | | | |
| **EDUCATION** | | | | | |
| * **Certificate,** Programming, Launch Code, 2019  Master of Arts, Public Policy, University of Missouri-St. Louis, 2014Master of Arts, Public Administration, Saint Louis University, 2002  * **Bachelor of Liberal Studies**, Social Science, Saint Louis University, 1999 | | | | | |

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| **WORK EXPERIENCE** |
| Data and Compliance Manager, KIPP Schools, St. Louis, Missouri, August 2015 - March 2018  * Managed region-wide student and staff information systems (SIS) * Analyzed data for decision making; compiled reports and dashboards to identify trends * Audited the accuracy of system use, providing professional development to improve data * Successfully met reporting requirements to state, federal government and stakeholders  Director-Data, Research & Eval, Normandy Schools, St. Louis, Missouri, June 2012 - December 2013  * Standardized operations and data practices to improve state reporting; resulted in the release of $600K, previously withheld due to historical data inaccuracies * Performed statistical analyses, internal and external reporting for decision making * Audited the accuracy of information system use, presenting professional development * Monitored and maintained compliance with data protection regulations  |  | | --- | | Sr. Research Analyst, Public Policy Research Center, St. Louis, Missouri, February 2005 – Dec. 2016  * Designed and implemented in-depth, applied research, based upon client need * Analyzed data from basic descriptive to regressions and validations, and GIS-spatially aware methods * Designed logic-model program evaluations to identify most impactful analysis points and outcomes * Conducted a process evaluation for the Missouri Office of State Courts Administrator that resulted in better use of a costly system not previously embraced by senior employees * Wrote and presented detailed outcome reports to clients  Adjunct Teaching, University of Missouri St. Louis, St. Louis, Missouri, 2016  * Taught Advanced Program Evaluation, for the College of Education Graduate School  Adjunct Teaching, Harris-Stowe State University, St. Louis, Missouri, August 2009 - December 2012  * Research and Statistics, I and II * Research Writing * Business Statistics | |

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