

Jason Becker

Contact

385 Westminster St
Apartment 5F
Providence, RI 02903

M (516) 637 5952

E jason@jbecker.co

W jasonbecker.com

Computer Skills

Basic: Python, SPSS,
L^AT_EX

Intermediate: SQL,
Unix tools, HTML,
CSS, Stata, git, Jira,
Microsoft Project, Unix
tools, Omnigraffle

Advanced: R, Microsoft
Office

Education

Urban Education Policy, A.M., *Brown University.* **2009-2010**

Summa Cum Laude

Chemistry, Sc.B., *Brown University.* **2005-2009**

Experience

Allovue, Baltimore.

Chief Product Officer

2015–Present

Director of Data

2014–2015

Establish product roadmap, define product features, and manage development sprints to ensure Allovue's suite of software products are continually improving and expanding to meet the needs of school business officials, administrators, and the public. Inform design of core Allovue data functions, from customer data acquisition and integration to application data model design. Conduct sales engineering activities and build relationships with partners through thorough business analysis and a deep understanding of how to help school districts form great questions and ensure that Allovue can serve as the solution to those questions.

Achievements:

- Maintain and modify Jira workflows and Kanban boards to improve communication of tasks and reduce the standard deviation of time to complete stories by 50
- Design ETL architecture for easy integration with a wide variety of school district source accounting systems.
- Design an innovative database model which ensures compatibility with any chart of account data.
- Develop analysis products for potential customers to demonstrate the value of Allovue.
- Meet with institutional and independent investors during pitch meetings and technical due diligence.

Annenberg Institute for School Reform, Providence.

Strategic Data Analyst

2012–2014

Cleaned and munged seven years of Providence Public School District data. Developed a predictive model of high school success based on early indicators from grades 6-11.

Achievements:

- Adopted and developed business rules to deal with common data challenges and implemented these rules using R.
- Developed a predictive model based on data from grades 6 through 11 that identifies students at risk of not graduating.
- Presented research at the College Readiness Indicators Systems Emerging Knowledge Forum on how to engage community groups in comprehensive systems of support for high school students.
- Lead conceptualization, writing, and submission of Institutes of Education Sciences Researcher-Practitioner Partnership grant with the Annenberg Institute of School Reform and Providence Public School District as key partners.

Rhode Island Department of Education, Providence.

Research Specialist

2010–2012

Consultant 2009-2010

Developed project plans, monitored cross-project dependencies, documented business requirements, and co-architected integration solutions for technical projects. Co-designed logical data models and documented validation rules for new data collections. Developed new measures for accountability systems.

Achievements:

- Systems Integration
 - Co-managed cross-project dependencies and priorities for all technical projects related to Race to the Top and the State Longitudinal Data Systems Grant.
 - Assisted leadership to make resource allocation decisions based on complexity of implementation, cost, and importance for end users.
 - Co-developed use-cases and process maps of complex integration between external vendor products and other internal or external data systems. Developed and approved processes for data access, sharing, and integration to remedy gaps in existing data products by collaboratively developing feasible technical or business process solutions.
 - Developed process maps for complex quality assurance needs like teacher roster verification.
- Automated Data Reporting and Analysis
 - Constructed data profiles with over 100 graphics and tables per school using SQL to provision the data and R to generate HTML profiles for each school.
 - Co-designed the logical data model for the first statewide teacher-course-student data collection. Greater than 75% of students were reported properly to the state daily within the first two months of implementation in school-year 2012-2013.
- Policy Research and Analysis
 - Developed academic, financial, and operational accountability measures for charter schools.
 - Developed models of state general aid finance formula and advise on embedded incentives in general aid policies.
 - Supported the development of new categorical grant aid, general aid transition methods, and inter-Local Education Agency transfers through modeling and policy analysis.
 - Co-revised the School Improvement Grant school identification methods to balance the likelihood of schools with different grade spans being identified for transformation.

Teaching

Adjunct Lecturer, *Brown University*, Providence.

2013

Taught Evaluating the Impact of Social Programs, an upper-level education policy and public policy course focused on experimental and quasi-experimental methodology.

Guest Lecturer, *Brown University*, Providence.

2012–2013

Invited guest lecture to undergraduate and graduate-level economics of education courses. Subjects include education finance equity and the economics of federalism