

ZACHARY KELLER

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EXPERIENCE

Berkshire Hathaway Homestate Companies

San Francisco, CA

Strategic Analyst

February 2018 – Present

- Automated and designed client-facing reports highlighting BHHC's cost savings practices and their effect on client costs
- Created analytics dashboard to identify areas of under-reserving throughout the organization
- Modeled claims department staffing capacity to enable executive committee to utilize actuarial forecasts and make strategic hiring decisions on an ongoing basis

Domino's

Ann Arbor, MI

Data Analyst

September 2017 – February 2018

- Designed dashboards and metrics to enable effective product and store monitoring during testing of novel, in-store technologies
- Conducted post-hoc analyses to assess long-term viability of piloted products
- Worked with product managers and developers to design data requirements to ensure a meaningful test period for new products

University of Michigan

Ann Arbor, MI

Graduate Student Mentor & Instructor

September 2015 – May 2017

- Lead computer lab sections for Stats 250, Introduction to Statistics and Data Analysis
- Created interactive web applications using Shiny, a package for R, to more effectively explain complex material¹

Graduate Student Researcher

July 2016 - January 2017

- Modeled risk of re-offense for traffic violators in Michigan to be used in an online judicial aid system

CEB

San Francisco, CA

Analyst

July 2012 – June 2015

- Developed VBA scripts to reformat and compile millions of data points from thousands of different files in preparation for quantitative analyses
- Managed vendor survey operations: designed surveys, summarized result statistics, and implemented quality control on research surveys for samples of over 10,000 respondents
- Co-managed and developed a succession management and high-performance employee management product that generated \$1M + revenue in 2014

EDUCATION

University of Michigan

Ann Arbor, MI

M.S., Applied Statistics

September 2015 – May 2017

University of California at Berkeley

Berkeley, CA

B.A., Cognitive Science

September 2007 – June 2011

SKILLS

Primary: R, SQL, Microsoft Excel (VBA, PowerPivot, Power Query)

Secondary: Python, PowerBI, C++, Unix, CSS, HTML

¹<https://shiny.stat.lsa.umich.edu>