

JULIE MULVANEY-KEMP

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EDUCATION

University of California, Berkeley 2018 – Present

Ph.D. Student in Industrial Engineering and Operations Research

- Chancellor's Fellowship for Graduate Study

Washington University in St. Louis 2011 – 2015

B.S. Systems Engineering, 2nd Major in Mathematics

GPA: 3.92 / 4.0; *summa cum laude*

- **Winner, INFORMS OR/MS Tomorrow Undergrad Competition:** Research on load allocation for an electric utility conducted for a Senior Capstone project was featured in the Spring/Summer 2016 issue
- **NCAA Cross Country / Track & Field:** Team captain ('14-'15 season); 4-year team member; runner-up 2015 UAA 10,000m run; member of 2011 NCAA National Championship cross country team
- **Additional activities and honors:** Tau Beta Pi (engineering honor society) member, Student Athlete Advisory Committee team representative, Society of Industrial and Applied Mathematics student chapter executive

EXPERIENCE

Bain & Company

Houston, TX

Senior Associate Consultant

February 2018 – July 2018

Associate Consultant

July 2015 – August 2017

- Led project-critical analyses on growth strategy, cost transformation, operating model, and adjacency growth consulting assignments for leading clients across healthcare, engineering, private equity and energy industries
- Earned rating of "frequently exceeds expectations" – performed in Bain's top 15% – majority of review cycles

Select project highlights:

- Enabled insight into impact of patient cancellations on doctor utilization by analyzing a database of ~1M appointments. Shifted organization's focus on cancellations from raw number to percent of doctors' time
- Organized brainstorming workshop for 40 clients and 10 Bain leaders to generate novel growth ideas
- Modeled cost impact of consolidating client offices, resulting in the proposal of a new geographic footprint
- Developed and executed methodology to determine primary care physician referral patterns from a new data set
- Implemented series of regular client meetings to clear roadblocks, improve accountability, and accelerate results

Numerical Algorithms Group in collaboration with BP

Houston, TX

Data Science Sandbox Operations Lead

August 2017 – January 2018 (6-mo. externship from Bain & Co.)

- Define Sandbox environment – evaluate open-source tools, gather user input, engage industry & academic experts
- Advise internal customers on data science projects, chiefly related to project management and machine learning
- Create a governance structure to prioritize projects, monitor progress, and manage data
- Promote the Data Science Sandbox within BP to a variety of user groups and company leadership

Washington University in St. Louis, Computer Science Department

St. Louis, MO

Teaching Assistant – Algorithms and Data Structures

September 2013 – May 2015

- Held weekly office hours, graded assignments, and lead a recitation section to assist students

Equifax Workforce Solutions

St. Louis, MO

Data & Analytics Intern

June 2014 – August 2014

- Built interactive tool using SAS programming and Microsoft Excel to calculate and display employee turnover statistics for a company and corresponding industry
 - Presented results to President Dann Adams and in sales meeting with a key client
- Contributed to design and evaluation of an algorithm to assign standardized job titles to employees in a database
- Created technical documentation for all work

National Geospatial-Intelligence Agency

St. Louis, MO

Project Officer, Outage Control Branch, IT Services

June 2013 – August 2013

- Organized and facilitated Outage Control Boards (OCBs) that reviewed proposed NGA outages
- Developed new procedures and forms to increase OCB effectiveness

SKILLS

- Programming experience with MATLAB, Java, Python, R, SAS, Tableau, Alteryx
- Proficient in Microsoft Office