

# MARK EGGE

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Data scientist at the intersection of information systems and public policy. I'm good with large datasets, capable at training and tuning classifiers, and firmly grounded in the underlying assumptions and limitations of these techniques. I possess a facility for numbers and sufficient SQL/Python/R skills to pose a danger to myself. I communicate and write well. I seek to employ my passion and skills for social good.

## EDUCATION & WORK EXPERIENCE

### CARNEGIE MELLON UNIVERSITY - MISM-BIDA

AUG 2015 - DEC 2016

- / Business Intelligence and Data Analytics track candidate in Heinz College's Masters of Information Systems Management degree program with work in data mining, machine learning, data warehousing, and GIS within the transportation and healthcare domains
- / Research Assistant for Prof. Sean Qian in the Traffic21 Mobility Data Analytics Center. Research in bus dwell times and fare policy

### ATLAS REVENUE MANAGEMENT LLC (GOLDEN, CO)

2012 - MAY 2015

- / Co-founder and co-owner. Atlas provides medical revenue cycle management and consulting services to physicians in private practice
- / Together with my co-founder, we build a small business from the ground up. We acquired clients and managed those relationships. We hired employees to provide RCM services, and provided the necessary hiring, HR, and IT management to support those services
- / Along the way I often had occasion to analyze large healthcare datasets and present my findings to clients, enabling their strategic revenue growth and recovery of outstanding receivables. In so doing I discovered my own aptitude for and enjoyment of data munging and analysis
- / I bought out my business partner in Jan 2015, and sold the company to its current owners in May 2015 (the proceeds from which are paying for my current studies). Under its new ownership Atlas has continued to grow and provide high-quality services

### ARIZONA PAIN SPECIALISTS PLLC (SCOTTSDALE, AZ)

2009 - 2012

- / Chief Operations Officer (2011 - 2012): led a staff of over 100 employees in the scheduling, provision, and billing for more than 50,000 annual patient encounters; institutionalized regular communication between operations, marketing, and finance; grew YOY revenue by 16%
- / Business Analyst (2010): analyzed data and systems; presented findings and recommendations; managed change to optimize workflows and processes
- / IT Director (2009): implemented and managed health information systems

### MONTANA STATE UNIVERSITY (BOZEMAN, MT)

2004 - 2010

- / Student senator; coursework in econometrics, Java, calculus, statistics
- / Bachelor of Science in Economics and Bachelor of Arts in History awarded May 2010 with honors and highest distinction

## SKILLS, AWARDS & COMMUNITY

- / Deloitte 2015 Heinz College Case Challenge - 1st Place Winner
- / DiscoverCMU 2015 Robotics Case Challenge - 1st Place Winner
- / McGinnis Venture Competition 2016 - Finalist
- / Programming experience in SQL, Python, Java, R, PHP, and JavaScript
- / Montana Conservation Corps (AmeriCorps) alumnus, and conservation volunteer with Colorado Mountain Club, American Alpine Club, Jefferson County Open Space, and Volunteer Outdoors Colorado
- / Wilderness First Responder and Swiftwater Rescue Technician