CLAYTON YOCHUM

Ann Arbor, MI
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EXPERIENCE

Data Engineer/Scientist
March 2016-Present
Methods Consultants
Ypsilanti, MI
- Lead engineer at boutique analytics consulting firm
- Developed and deployed statistical models as web applications
- Managed AWS infrastructure for client-facing services

Data Analyst Consultant
August 2015-Present
Child and Adolescent DataLab @ UM School of Social Work
Ann Arbor, MI
- Part-time consultant for a data-driven social work lab
- Wrote processing code for large, messy, semi-structured administrative data
- Guided lab members in best use of git, Github, R

Business Intelligence Analyst
March 2013-February 2016
Barracuda Networks
Ann Arbor, MI
- Founder and technical lead of Analytics Department
- Collected, transformed, and analyzed product data to inform business decisions
- Built and managed a large data warehouse to power analyses
- Created automated dashboards to track business performance metrics

Software Engineer in Test
August 2012-March 2013
Barracuda Networks
Ann Arbor, MI
- Performed software and hardware testing of an enterprise backup solution
- Designed and executed new test suite to identify performance regressions
- Built and managed dozens of physical and virtual servers of varied type

Research Intern, Signal/Sensor Processing Lab
Summer 2012
Michigan Tech Research Institute
Ann Arbor, MI
- Wrote code to track objects in digital radar signals
- Added functionality and readability to decades-old image processing code

Executive Coach
Fall 2011-Spring 2012
MTU Match Learning Center
Houghton, MI
- Managed daily operations of the Learning Center and its 30+ coaches
- Educated students in all levels of mathematics classes

SKILLS

Programming and Technology
- Programming Languages: R, SQL, PHP, Python
- Notable R Packages: h2o, Shiny, RMarkdown, dplyr, ggplot2, foreach, doMPI
- AWS Services: EC2, RDS, DataPipeline
- Other: git, linux, VirtualBox/VMware/Hyper-V, LaTeX

Communication and Leadership
- Co-organizer of the Ann Arbor R User Group

EDUCATION

Michigan Technological University
April 2012
B.S. in General Mathematics, Economics minor
Houghton, MI