

CLAYTON YOCHUM

Ann Arbor, MI
linkedin.com/in/claytonjy
github.com/ClaytonJY
claytonjy@gmail.com

EXPERIENCE

Data Engineer/Scientist

Methods Consultants

March 2016-Present

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

Child and Adolescent DataLab @ UM School of Social Work

August 2015-Present

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

Barracuda Networks

March 2013-February 2016

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

Barracuda Networks

August 2012-March 2013

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

Michigan Tech Research Institute

Summer 2012

Ann Arbor, MI

- Wrote code to track objects in digital radar signals
- Added functionality and readability to decades-old image processing code

Executive Coach, Math Learning Center

Michigan Technological University

Fall 2011-Spring 2012

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, L^AT_EX

Communication and Leadership

- Co-organizer of the Ann Arbor R User Group

EDUCATION

Michigan Technological University

B.S. in General Mathematics, Economics minor

April 2012

Houghton, MI