Ethan Wright

Work Experience

Period	**October 2013 — May 2017**	
Employer	**Boulder Community Hospital**	Boulder, Colorado
Job Title	**Sterile Processing Technician**	

Period	**May 2017 — August 2017**	
Employer	**Spectrum Communications**	Denver, Colorado
Job Title	**Advanced Engineering Intern**	

Description

- Updating website with bootstrap, data APIs, and javascript
- Reworking full stack development of engineering tools
- Integration with AD using SSL LDAP verification

Period	**August 2017 — Present**	
Employer	**Zero Chaos Consulting**	Denver, Colorado
Job Title	**Integration Engineer**	

Description

- Development sprints for IoT integration with iControl in Charter environments
- Creating reporting tools and diagnostics for technicians and dev ops engineers
- Oracle DB maintinence and updates
- Design and maintenance of servers

Projects

Main Projects

- *Toxicity Analysis of Tweets* – Hosebird Client piped to Kafka, Google Perspective API for Analysis, directed to other Kafka Topic
- *Rasberry Pi Live Data* – PIGPIO python library to control duty cycles, MOSFET in circuit for RGB control, Darksky API for live weather data
- *Android Time Tracking App* – Track and categorize activities, log the history of work accomplished. Using parcelable objects, MVC pattern, persistence with sharedpreferences.

GITHUB · EthanJWright

✉ ewright362@gmail.com ☎ (720) 378-1502

Smaller Projects

- *Dotfile setup* – C program to deploy my .tmux.conf, .vimrc, and .bashrc dynamically on Mac or Linux

- *WUPHF in python* – Quick class you can import to tweet, text, or email yourself logging info in project

- *538 Github Data* – Using availible data on 538 repo to run fun analysis in R

- *Election Update Cowsay* – Bash script to give live update of Clinton Trump polling during election (Cowsay on bash login)

EDUCATION

PERIOD	**August 2013 — December 2017**
DEGREE	**Bachelor of Arts in Computer Science**
UNIVERSITY	**The University of Colorado, Boulder** Boulder, Colorado

RELEVANT COURSES

Computer Science
Principles of Programming Languages, Object Oriented Analysis/Design, Algorithms, Big Data Architecture, Operating Systems, Statistical Methods, Linear Algebra

SKILLS

Languages - Fluent	Python, Java, C++, Matlab, R, LaTex, Javascript, PHP
Languages - Proficient	Scala, Bash, Octal
Databases	MySQL, Cassandra
Tools	Vim, Atom, IntelliJ, Eclipse, Tmux