

KYLE TOLLIVER



EXPERIENCE

2021
Present



Software Developer

Yunique LLC

- Maintained and improved systems to be optimized and secure
- Researched and implemented efficient software systems
- Wrote unit tests to evaluate and deploy new features

2020



Assistant Project Manager

RBDC - Research and Business Development Center

- Developed Python code for shortest path optimization
- Followed Scrum methodology and Kanban (Trello) board
- Helped programmers develop code

2020



Research Specialist Intern

LLNL - Lawrence Livermore National Labs

- Tested security technologies using binary analysis
- Conducted market research on new security techniques
- Performed predictive analytics on purchase trends

2020



Student Senior Designer

NASA - National Aeronautics and Space Administration

- Developed C interface for the sensors in NASA's future Spacesuit
- Benchmark tested PolarFire microprocessor in C++
- Setup a website using Rmds, CSS and Yaml



EDUCATION

2017
2020



Bachelor of Science in Software Engineering

Brigham Young University - Idaho

- Graduated with 3.6 GPA and Tau Beta Pi Honors
- Minor: Computer Engineering and Data Science



PROJECTS

2020



Spotify Predictive Analytics

BYU - Idaho, Computer Science and Engineering

- Used energy, liveliness, length and tempo to predict song popularity
- Created Regression models in R
- Developed Neural Networks and Decision Trees using Python

2020



COVID-19 Data Consulting

BYU - Idaho, Computer Science and Engineering

- Developed a data website using R, Rmds and Yaml
- Explored different datasets to determine viable information
- Visualized the data to make the data easily understood

2020



Self Driving Car

BYU - Idaho, Computer Science and Engineering

- Designed and assembled electronic circuits
- Programmed Motor Control on Arduino with Embedded C
- Setup Raspberry Pi for Deep Learning and Computer Vision

CONTACT INFO

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SKILLS

Python

C / C++

R / Rmd

Verilog

HTML / CSS

JavaScript

SQL / NoSQL

Java / C#

Tableau

Github