KYLE TOLLIVER

EXPERIENCE

2021 | Present

Software Developer II
Younique Products
- Improved and maintained systems to be optimized and secure
- Researched and implemented efficient software systems
- Maintained legacy features and deployed 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
R / Rmd
HTML / CSS
JavaScript
Node / Express JS
SQL / NoSQL
GoLang
C / C++
Java / C#
Tableau
Github