KYLE TOLLIVER

💼 EXPERIENCE

2021 | Present

Software Developer II
Younique Products
• Backend Development with tools such as Node JS, AWS, and Dynamodb
• Improved systems to be secure with the Node Package Manager
• Maintained legacy features, and deployed new features using the DERN stack

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
Dynamodb
GoLang
C / C++ / C# / Java
Tableau
GitHub / GitFlow