

KYLE TOLLIVER

EDUCATION		CONTACT INFO
2017	• Bachelor of Science in Software Engineering Brigham Young University - Idaho <ul style="list-style-type: none">Graduated with 3.6 GPA and Tau Beta Pi HonorsMinor: Computer Engineering and Data ScienceCoursework: Advanced Embedded Systems, Digital System Design, Computer Architecture, Circuit Analysis, Machine Learning, System Security, Project Management, Intermediate Stats, Data Wrangling, Database Development, Applied Development, Linear Algebra, Discrete Math, Differential Calculus	 kyle@tollivers.org  (805)367-6723  Highland, Utah, USA  linkedin.com/in/kctolli/  kctolli.github.io
EXPERIENCE		SKILLS
2020	• Assistant Project Manager RBDC - Research and Business Development Center <ul style="list-style-type: none">Used Python to create functions and Machine Learning algorithmsDeveloped code in shortest path optimization for warehouse robotLead Scrum meetings and helped programmers develop code	Python C / C++ R / Rmd Verilog HTML / CSS JavaScript SQL / NoSQL Java / C# Tableau Github
2020	• Research Specialist Intern LLNL - Lawrence Livermore National Labs <ul style="list-style-type: none">Tested security technologies using binary analysisConducted market research on new security techniquesFollowed Scrum methodology and Kanban (Trello) board	
2020	• Student Senior Designer NASA - National Aeronautics and Space Administration <ul style="list-style-type: none">Developed C interface for the sensors in NASA's future SpacesuitBenchmark tested PolarFire microprocessor in C++Setup a website using Rmds, CSS and Yaml	
PROJECTS		SKILLS
2020	• Spotify Predictive Analytics BYU - Idaho, Computer Science and Engineering <ul style="list-style-type: none">Used energy, liveliness, length and tempo to predict song popularityCreated Regression models in RDeveloped Neural Networks and Decision Trees using Python	
2020	• COVID-19 Data Consulting BYU - Idaho, Computer Science and Engineering <ul style="list-style-type: none">Developed a data website using R, Rmds and YamlExplored different datasets to determine viable informationVisualized the data to make the data easily understood	
2020	• Self Driving Car BYU - Idaho, Computer Science and Engineering <ul style="list-style-type: none">Designed and assembled electronic circuitsProgrammed Motor Control on Arduino with Embedded CSetup Raspberry Pi for Deep Learning and Computer Vision	