# Jim Greene

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**cubicinfinity.github.io**
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## SKILLS

**R**
- Wrote on demand code that persuaded a civics debate · Corrected & improved professor's text analysis · Data science & machine learning · Presentation · Shiny web applications · Regression · ANOVA · Shapefiles

**Python**
- Invented unique stock prediction algorithm · User interactivity · Artificial simulation · Process automation · Wrote machine learning implementations from scratch · Parameter experimentation · Data manipulation

**SQL**
- General PL/SQL, T-SQL, & MySQL · Data importing · Error handling · Advanced queries · Relational design

**Other**
- C++ · JavaScript · HTML/CSS · Regex · GitHub · Design thinking · Project management · Botanical research

## EXPERIENCE

**BYU-Idaho Data Science Society**                               Sept 2017 – Present
*Participant and Project Leader*                                        Rexburg, ID
- Project leader over Category Partners analysis and automated variable aggregation (Current)
- Analyzed estimates for Redcon Construction: Wrote Shiny app to predict winning bids  (Winter 2019)
- Contributed in potato project for Bayer: Investigated patterns in weather and crop yields & engineered higher quality visualizations that added insights unique from the work done by others (Spring 2018)
- Provided introductory/refreshment training on list comprehensions and lambda functions  (Spring 2018)
- Lead society group in collecting chemical prices · Learned to communicate with stockholder  (Winter 2018)

**Connexion Point** *(Healthcare Services)*                         Sept 2018 – Dec 2018
*Receptionist, Application Specialist, and Issues Agent*                   Roy, UT
- Trained quickly & coordinated with clients and team by investigating call data and account documentations · Allowed clients to receive coverage during setback of another site by obtaining missing information

**The Results Companies**                                          May 2016 – Sept 2017
*Sirius XM Associate*                                              Winter Haven, FL
- Customer retention · Temporarily switched to sales floor to carry performance and exceeded production goals
- Workforce management: Optimized schedules · Parsed reports resulting in better department adherence

**Other**
- Consulting for Lineage Logistics · Using point cloud data to improve warehouse efficiency  (Current)
- High Altitude Research Team · Working with engineer to improve & validate NASA's $CO_2$ profile (Current)
- Composed 50-page manual for computer shop so future interns could stay organized  (March – April 2015)

## EDUCATION

**Bachelor of Science - Data Science**                            Sept 2017 – April 2020
*Brigham Young University – Idaho*                                      Rexburg, ID
- GPA 3.85 · Taught math, programming, & data science skills · Heber J Grant Mentor (Winter-Spring 2019)
- *Relevant Coursework:*  Data Wrangling, Exploration, Visualization · Machine Learning & Data Mining · DNA · Statistical Consulting · Database Programming · Multivariable Calc · Applied Regression · Advanced Writing

**Studied Liberal Arts**                                           May 2015 – Dec 2015
*Polk State College* (Transfer Institution)                        Winter Haven, FL