

# Jim Greene

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**cubicinfinity.github.io**

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## SKILLS

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### R

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

### Python

- Wrote various machine learning programs from scratch; Pandas; NumPy; sci-kit learn; Automation
- Invented unique stock prediction algorithm; Creative object-oriented designs; Parameter experimentation

### SQL

- Two courses in PL/SQL; Some T-SQL and MySQL; Data import script; Error handling; Relational design

### Other

- C++; JavaScript; HTML/CSS; Regex; GitHub; Design thinking; Taught programming and data science skills

## EXPERIENCE

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### 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 and coordinated with team and customers through analyzing data and documentation
- Corrected dozens of applications, allowing clients to receive coverage during setback of another site

### 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 scan gun data to improve warehouse efficiency (Current)
- High Altitude Research Team; Working with engineer to improve & validate vertical CO2 profile (Current)
- Composed 50-page manual for computer shop so future interns could stay organized (March – April 2015)

## EDUCATION

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### Bachelor of Science - Data Science

Sept 2017 – April 2020

*Brigham Young University – Idaho*

Rexburg, ID

- 89 earned credits; GPA 3.85; Heber J Grant Mentor (Winter-Spring 2019); 1<sup>st</sup> in pi recitation (Winter 2018)
- *Relevant Coursework:* Data Wrangling, Exploration, Visualization; Machine Learning & Data Mining; DNA; Database Programming; Multivariable Calc; Applied Regression; Advanced Writing; Statistical Consulting

### Studied Liberal Arts

May 2015 – Dec 2015

*Polk State College (Transfer Institution)*

Winter Haven, FL