

# Jon Michael Geiger

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## TECHNICAL SKILLS

<b>Data Skills</b>	Data Wrangling, Data Visualization, Relational Databases, Web Scraping
<b>Stats &amp; ML</b>	Regression (Linear & Logistic), Regularization & Shrinkage Methods, Bootstrap, Decision Trees, Random Forests, Gradient Boosted Trees, ANNs with Keras & Tensorflow, ANOVA, MLE, Hypothesis Testing, Simulation, Experimental Design, A/B Testing Methodology
<b>R Programming</b>	3 years: tidyverse (dplyr, ggplot2, tidyr, readr), rvest, RMarkdown, RStudio, Shiny
<b>Python</b>	2 years: NumPy, pandas, SciPy, Matplotlib, Seaborn, Scikit-Learn, Jupyter Notebooks
<b>Other Software</b>	SQL & mySQL, Julia, Git/GitHub, Tableau, Excel, UNIX/Linux, L <sup>A</sup> T <sub>E</sub> X
<b>Other Skills</b>	Computer Hardware & Maintenance, Audiovisual Systems, Troubleshooting, Debugging

## GENERAL SKILLS

<b>Growth Mindset</b>	Passionate Learner, Quick Thinker, Teachable, Great with Constructive Feedback, Adaptable
<b>Communication</b>	Solid Interpersonal Skills, Active Listener, Teachable, Biliterate in Spanish
<b>Teamwork</b>	Equity-focused, Readily Collaborative, Critical Thinker, Driven, Goal-Oriented

## EDUCATION

<b>Bachelor of Science, Applied Mathematics &amp; Physics</b>	<b>Expected Jun 2022</b>
<b>Bachelor of Arts, Honors Liberal Arts</b>	<b>Expected Jun 2022</b>
Seattle Pacific University   Seattle, WA	
<ul style="list-style-type: none"><li>• Minor in Data Analytics, 3.91 Cumulative GPA</li><li>• <b>Relevant Coursework:</b> Probability and Statistics, Statistical Modeling, Mathematical Statistics, Introduction to Data Science, Statistical Learning in R, Data and Society, Data Analysis in Python, Calculus I-III, Vector Calculus, Linear Algebra, Differential Equations, Complex Variables</li><li>• <b>Thesis:</b> “Analyzing Student Ideas in Introductory Calculus-Based Physics: A Natural Language Processing Approach”</li></ul>	

## RELATED EXPERIENCE

<b>Mathematics Research Intern   Health and Human Performance</b>	<b>Jun 2021 – Present</b>
Seattle Pacific University   Seattle, WA	
<ul style="list-style-type: none"><li>• Analyzed large amounts of ActivPAL data alongside SPU Health and Human Performance Faculty</li><li>• Developed multiple R scripts to loop through ActivPAL files and aggregate time series data about daily human behavior</li><li>• Reverse-engineered proprietary algorithms for calculating daily sit-to-stand transitions with 100% accuracy</li></ul>	
<b>Mathematics Learning Assistant   Data Science</b>	<b>Sept 2021 – Present</b>
Seattle Pacific University   Seattle, WA	
<ul style="list-style-type: none"><li>• Assisted peer students in grasping data manipulation, visualization, and interpretation concepts using R’s tidyverse</li><li>• Graded student assignments and provided specific feedback to drive an equitable learning environment</li></ul>	
<b>Business Intelligence Intern</b>	<b>Jun 2019 – Sept 2019</b>
OSI Digital   Irvine, CA	
<ul style="list-style-type: none"><li>• Constructed a mySQL star-schema data warehouse under the Kimball approach</li><li>• Designed and implemented an ETL system in Pentaho Data Integration to pipe Salesforce data into the data warehouse</li><li>• Analyzed and modeled Salesforce data by creating Tableau dashboards to discover actionable business insights</li></ul>	

## ADDITIONAL EXPERIENCE

<b>Physics Learning Assistant</b>	Seattle Pacific University   Seattle, WA	<b>Sept 2019 – Present</b>
<b>Math/Physics Tutor</b>	STEM Tutoring   Bellevue, WA	<b>Aug 2020 – Mar 2021</b>
<b>Physics Research Assistant</b>	Seattle Pacific University   Seattle, WA	<b>Jan 2020 – Dec 2020</b>
<b>Orientation Leader</b>	Seattle Pacific University   Seattle, WA	<b>Sept 2020</b>
<b>Resident Advisor</b>	Seattle Pacific University   Seattle, WA	<b>Sept 2019 – Jun 2020</b>
<b>Audiovisual Technician</b>	Journey Evangelical Church   Westminster, CA	<b>Nov 2017 – Sept 2019</b>