

Jon Michael Geiger

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TECHNICAL SKILLS

Data Skills	Data Wrangling, Data Visualization, Relational Databases, Web Scraping
Stats & ML	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
R Programming	3 years: tidyverse (dplyr, ggplot2, tidyr, readr), rvest, RMarkdown, RStudio, Shiny
Python	2 years: NumPy, pandas, SciPy, Matplotlib, Seaborn, Scikit-Learn, Jupyter Notebooks
Other Software	SQL & mySQL, Julia, Git/GitHub, Tableau, Excel, UNIX/Linux, L ^A T _E X
Other Skills	Computer Hardware & Maintenance, Audiovisual Systems, Troubleshooting, Debugging

GENERAL SKILLS

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

EDUCATION

Bachelor of Science, Applied Mathematics & Physics	Expected Jun 2022
Bachelor of Arts, Honors Liberal Arts	Expected Jun 2022
Seattle Pacific University Seattle, WA	
<ul style="list-style-type: none">• Minor in Data Analytics, 3.91 Cumulative GPA• Relevant Coursework: 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• Thesis: “Analyzing Student Ideas in Introductory Calculus-Based Physics: A Natural Language Processing Approach”	

RELATED EXPERIENCE

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

ADDITIONAL EXPERIENCE

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