

Jon Michael Geiger

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TECHNICAL SKILLS

Data Skills	Data Wrangling, Data Visualization, Relational Databases, Web Scraping
Stats & ML	Regression (Linear & Logistic), Nonlinear Regression & Splines, Regularization & Shrinkage Methods, Bootstrap, Decision Trees, Random Forests, Gradient Boosted Trees, Hypothesis Testing, ANOVA, MLE, 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

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 with R, Data Analysis in Python, Data & Society (Data Analytics Capstone), Calculus I-III, Vector Calculus, Linear Algebra, Differential Equations, Complex Variables, Discrete Mathematics• Honors Project: “Developing a Natural Language Processing Approach for Analyzing Student Ideas in Introductory Calculus-Based Physics”• Relevant Projects (on GitHub): Data & Society Capstone, Honors Project, ActivPAL R Scripts, ISLR Notes	

RELATED EXPERIENCE

Mathematics Research Intern Health and Human Performance	Jun 2021 – Present
Seattle Pacific University Seattle, WA	
<ul style="list-style-type: none">• 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• Preparing to present findings at the ACSM's 2022 Annual Meeting & World Congresses (June 2022)	
Mathematics Learning Assistant Data Science	Sept 2021 – Mar 2022
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
Resident Advisor & Orientation Leader	Seattle Pacific University Seattle, WA	Sept 2019 – Sept 2020

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