Jon Michael Geiger

geigerj@spu.edu | (714) 655-6197 | Seattle, WA

www.linkedin.com/in/jonmgeiger   www.github.com/jonmgeiger

TECHNICAL SKILLS

Data Skills	Data Wrangling, Data Visualization, Relational Databases, Web Scraping
Stats & ML	Regression (Linear & Logistic), Nonlinear Regression & Splines, Regularization & Shrinkage Methods, Boostrap, 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, LaTeX

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

- 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 & Society, Data Analysis in Python, Calculus I-III, Vector Calculus, Linear Algebra, Differential Equations, Complex Variables, Discrete Mathematics
- **Thesis**: "Developing a Natural Language Processing Approach for Analyzing Student Ideas in Introductory Calculus-Based Physics"

RELATED EXPERIENCE

Mathematics Learning Assistant | Data Science **Sept 2021 – Present**
Seattle Pacific University | Seattle, WA

- 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

Mathematics Research Intern | Health and Human Performance **Jun 2021 – Present**
Seattle Pacific University | Seattle, WA

- Analyzed 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

Business Intelligence Intern **Jun 2019 – Sept 2019**
OSI Digital | Irvine, CA

- 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**