

Contact

www.linkedin.com/in/timctran

(LinkedIn)

www.supertran.net/ (Other)

timothytran.blogspot.com/ (Other)

Top Skills

Mathematics

Statistics

Python

Languages

Vietnamese (Professional Working)

English (Native or Bilingual)

Spanish (Limited Working)

Certifications

edX XSeries Certificate for Big Data

edX Verified Certificate for The Analytics Edge

Machine Learning (Stanford)

The Data Scientist's Toolbox (JHU)

R Programming (JHU)

Honors-Awards

William Kelso Morrill Award for Excellence in the Teaching of Mathematics

Cum Laude

Honors in Mathematics

Deans Honor List

Phi Beta Kappa

Publications

Continuity of the Asymptotics of Expected Zeros of Fewnomials

Timothy Tran

Data Scientist

Orange County, California Area

Summary

- * Strong analytic background and PhD in mathematics from Johns Hopkins University
- * Passionate about life-long learning and growth
- * Skilled in Python, MongoDB, Data Analysis and SQL with over four years experience in medical data.
- * Readily adapts tools of a mathematician to tools of a data scientist (e.g., abstraction, statistical inference, and analytical reasoning).

Experience

Apri Health

Data Scientist

August 2014 - May 2019 (4 years 10 months)

- * Analyze and process medical data (MySQL/SQLite/MongoDB, Python)
- * Produce data visualization for business intelligence (D3.js)
- * Maintain a web app for data exploration and data visualization (SQL, JavaScript, jQuery)

Johns Hopkins University

5 years 10 months

Teaching Assistant

September 2008 - June 2014 (5 years 10 months)

- * Lead and manage discussion sections (20-30 students)
- * Evaluate student homework and exams
- * Maintain office hours and assist students outside the classroom

Summer Instructor

June 2009 - August 2012 (3 years 3 months)

- * Deliver mathematical concepts to students via live lectures and online content
- * Engage students in discussion
- * Develop lesson plans and prepare to adapt them

Education

The Johns Hopkins University

Doctor of Philosophy (PhD), Mathematics · (2008 - 2014)

University of California, Irvine

Bachelor of Science (BS), Mathematics · (2004 - 2008)