



BRIAN TRAN

Actuarial Analyst & Software Engineer

PROFILE

Experienced Actuarial Analyst with 6+ years background in all aspects of the Software Development Life Cycle; from developing automated analytical reports for executives to designing, implementing, testing, and deployment of applications.

Proficient in a wide variety of languages and tools to deliver scalable applications that provide meaningful, accurate results that also tell a story. Loves to think outside the box and seeks a challenge.

CONTACT

PHONE:
909-360-9163

WEBSITE:

- www.linkedin.com/in/briantran-math/
- <https://linktr.ee/briantran.dev>

EMAIL:

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CURRENT PROJECTS

- Building [Netcat](#) in Python on Linux
- Adding online multiplayer to [Ultimate TicTacToe](#) game in Python
- Adding online multiplayer to [Black Jack](#) game in Java
- Building [ETL application](#) in VBA for processing actuarial data tables

HOBBIES

- Culinary Science
- Coffee and Espresso
- 6-8 String Guitars
- Arnold Schwarzenegger

EDUCATION

B.S. Applied Mathematics

California State University Polytechnic, Pomona

May 2016

Magna Cum Laude, GPA: 3.77

President's List 2015-2016

WORK EXPERIENCE

ICW Group Software Engineer I

January 2021–Present

Volunteered to serve as subject matter expert and assist developers in porting existing code to Java and build out workers comp pricing API

- Porting insurance pricing application of 40+ Excel sheets and VBA API to Java REST API using SpringBoot Framework
- Design and normalize 40+ SQL tables to support pricing application
- Utilize Factory and Reflection patterns in VBA to implement ETL process in order to automate regular table updates of unknown sizes
- Developed automated ETL pipeline to random sample and batch process 21,000 XMLs at a time for multiple models, reducing server usage by over 90%

ICW Group Intermediate Actuarial Analyst

June 2016–Present

- Automate data cleaning, uploading, and manipulation tasks using VBA, R, SQL, Python, Batch Scripts, Ansible, and other tools
- Conduct actuarial analyses on loss forecasting, credibility weighting, territorial segmentation, and other studies to offer competitive prices
- Train junior analysts in developing pricing applications for monthly deployments, utilizing Git to manage code base, and more

SKILLS

