



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:

- Briantran.math@gmail.com

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

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

EDUCATION

B.S. Applied Mathematics

California State University Polytechnic, Pomona

May 2016

Magna Cum Laude, GPA: 3.77

President's List 2015-2016

SKILLS

