BRIAN TRAN
SOFTWARE ENGINEER

👤 ABOUT

Experienced Actuarial Analyst with 6+ years background in all aspects of the Software Development Life Cycle; from developing automated analytical reports for executives to implementing, testing, and deployment of code. Proficient in a wide variety of programs and tools to deliver scaleable and reuseable applications that provide meaningful and accurate results that also tell a story. Loves to think outside the box and seeks a challenge.

💼 WORK EXPERIENCE

ICW Group   **San Diego, CA**
June 2016 – Present

Intermediate Actuarial Analyst

Quoting more than $3.5 billion annually, ICW Group Insurance Companies is the largest privately held insurance company domiciled in California. I develop and maintain the logic for pricing our workers compensation line and work closely with various departments such as DevOps, DBA, and Underwriting to ensure timely and accurate production releases. I also conduct various analyses to ensure our rates are fair and reflect the latest trends. I have built several applications to automate much of my department's tasks and to facilitate handling large amounts of data using various languages such as Java, Python, R, SQL, VBA, Batch scripts, etc. I'm also currently developing for our XML and Excel based pricing API, building out JSON test cases for our QA work using Postman, assisting our development team in porting existing code from various languages to Java, debugging and implementing fixes for our nightly SQL ETL pipelines, and a host of other responsibilities.

Highlights

◁ Designed and built ETL application in VBA using Factory and Reflection Patterns to process over 30 excel tables of varying dimensions and locations for upload to a normalized SQL database

◁ Design and develop normalized SQL databases and warehouses

◁ Automate data cleaning, uploading, and manipulation tasks using VBA, R, SQL, and Python

◁ Debug SQL ETL pipelines with over 15,000 lines of code

◁ Pair-program with other Java developers to build pricing webservice API using Springboot

◁ Conduct actuarial analyses on loss forecasting, credibility weighting, territorial segmentation, and other studies to offer competitive prices

◁ Design JSON test samples for testing webservices using Postman

◁ Work with end users on defining SRS for new features

◁ Train new and rotational staff on writing clean, reuseable, and scaleable code

Gamestop   **Rancho Cucamonga, CA**
September 2008 – April 2012

Senior Game Advisor

Gamestop is the world's largest video game retailer. I learned alot of my soft skills during my time here. I was promoted early on due to my high magazine subscription rate and became quickly known as a top performer. I was also known to minimize much of our shrink moves/losses by keeping tight track of our inventory.

Highlights

◁ Consistently ranked in top 10% of magazine subscription and game reservation sellers in the district

◁ Store ranking rose from 4000s to 1000s over the course of a year

◎ CONTACT

📍 **Escondido, CA USA**

✉ **briantran.math@gmail.com**

🌐 **https://linktr.ee/briantran.dev**

in **linkedin**
briantran

🐙 **github**
exobrian

🏛 EDUCATION

2013
2016 | **California State Polytechnic University, Pomona**
🎓 B.S.
Applied Mathematics

☰ SKILLS

Frontend   Beginner
HTML   **CSS**   **Flex**

Backend   Intermediate
Java   **Spring**   **REST API**   **Python**   **MSSQL**
MySQL   **RDBMS**   **JavaScript**

Other   Intermediate
Git   **Docker**   **R**   **SOAP**   **REST**
Postman   **XML**   **JSON**   **Linux**   **JIRA**
WSDL   **YAML**   **Statistics**
Mathematical Modeling   **Forecasting**

♥ INTERESTS

Cooking
Grilling   **Sous Vide**   **Vietnamese**   **Hot Sauce**

Guitars
6-String   **7-String**   **8-String**

Photography
Wedding   **Portrait**   **Travel**

Arnold Schwarzenegger
Bodybuilding   **YAARRGHHHH**

✹ AWARDS

September 2019

ICW Group

🏆 Elevate Award

The Elevate Award is a prestigious award provided to ICW Group Team Members who exemplify the core values of the organization and go above and beyond their roles and responsibilities.