

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

June 2016 – Present

San Diego, CA

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

- 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

September 2008 – April 2012

Rancho Cucamonga, CA

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



linkedin
briantran



github
exobrian

EDUCATION

2013
2016

California State Polytechnic
University, Pomona

B.S.

Applied Mathematics

SKILLS

Frontend Beginner

HTML CSS Flex

Backend Advanced

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.