



# BRIAN TRAN

Actuary & Software Engineer

## TECHNICAL SKILLS

- **Java (2+ years):**  
SpringBoot, Maven, REST API, Lombok
- **Python (2+ years):**  
Pandas, Numpy, Flask, Pygame
- **SQL (6+ years):**  
MySQL, MSSQL, CTE, ETL, Joins/Subqueries
- **VBA (6+ years):**  
Embed SQL, API calls, Factory and Reflection Patterns
- **Frontend:**  
HTML, CSS
- **Other:**  
Postman, R, Git, Github, Gitlab, Docker, Advanced Excel, JSON/XML/WSDL/YML
- **Math:**  
Mathematical Modeling, Probability/Statistics, GLMs

## CONTACT

PHONE:  
909-360-9163

LINKEDIN:  
[www.linkedin.com/in/briantran-math](http://www.linkedin.com/in/briantran-math)

GITHUB:  
[www.github.com/exobrian](http://www.github.com/exobrian)

EMAIL  
[briantran.math@gmail.com](mailto:briantran.math@gmail.com)

## ACTIVITIES AND INTERESTS

Board Gaming  
Wedding Photography  
Cooking, Grilling, Hot Sauce  
6-8 String Guitars

## BACKGROUND

Brian Tran is a man of focus, commitment, and sheer will. He is currently applying these qualities as a mid-level Actuarial Analyst at ICW Group, the largest privately held insurance company domiciled in California. As a pricing specialist with over six years of experience in workers compensation, he is in charge of maintaining and developing the logic for their pricing API along with building a variety of automated analytic tools to improve efficiency and accuracy. He is well known for his desire to learn and improve, and is involved in many diverse projects spread across the organization such as building relational databases, automating data pulls and reporting tools, assisting DevOps in testing and deployments, porting existing spreadsheet logic to Java, and more.

Brian's love for programming grew naturally due to his work. He in fact had never coded anything before starting his current employment. Over time, he began to see many inefficiencies in his assigned processes, and taught himself how to utilize and leverage modern programming languages to automate his tasks. Eventually, he taught himself advanced Objected Oriented Programming principles and volunteered to help the software development team port over existing code from various languages to Java and build a normalized relational database to support the backend webservices. He firmly believes in having a strong cross trained team and is involved in running workshops to train other analysts and managers on leveraging powerful open software solutions to improve their workflows.

Alongside his development work, Brian has also established current methodologies and recurring analyses such as forecasting future data points by fitting to a Weibull curve, determining credibility of company data based on industry data, analyzing loss trends, and other studies. He also loves to help others and is always ready to lend his expertise to ad hoc inquiries. Whether it's implementing new features, optimizing algorithms, testing code, or just plain helping out, Brian Tran enjoys all areas of software and is committed to building better software solutions in the future.

## EDUCATION

**California State Polytechnic University, Pomona**  
Bachelor of Science Applied Mathematics  
Magna Cum Laude  
GPA: 3.77  
June 2016