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|  |  | 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/](http://www.linkedin.com/in/briantran-math/) * <https://linktr.ee/briantran.dev>   EMAIL:   * [Briantran.math@gmail.com](mailto:Briantran.math@gmail.com)  CURRENT Projects  * Building [Netcat](https://github.com/exobrian/Netcat) in Python on Linux * Adding online multiplayer to [Ultimate TicTacToe](https://github.com/exobrian/UltimateTicTacToe) game in Python * Adding online multiplayer to [Black Jack](https://github.com/exobrian/BlackJack) game in Java * Building [ETL application](https://github.com/exobrian/Actuarial-Parameters-to-CSV) in VBA for processing actuarial data tables  Hobbies  * Culinary Science * Coffee and Espresso * 6-8 String Guitars * Arnold Schwarzenegger |  | EDUCATIONB.S. Applied MathematicsCalifornia State University Polytechnic, Pomona May 2016  Magna Cum Laude, GPA: 3.77 President’s List 2015-2016 WORK EXPERIENCEICW 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** skills chart |