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| b  t | | Brian Tran | | |
|  | | Software Engineer & Actuarial Analyst | | |
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|  | 909-360-9163 | |  | Work ExperienceSoftware Engineer IICW Group / San Diego, CA / 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%  Intermediate Actuarial AnalystICW Group / San Diego, CA / June 2016 - Present Use mathematics, statistics, and financial theory to analyze financial costs of risk and uncertainty   * Automate data exploration, cleaning, uploading, and manipulation tasks using VBA, R, SQL, Python, Batch Scripts, Ansible, and other tools * Built machine learning models to predict future losses, expenses, and premium * Conduct actuarial analyses on loss forecasting, credibility weighting, territorial segmentation, and other studies to offer competitive and accurate prices * Train junior analysts in developing backend pricing applications, lead monthly pricing release deployments, utilizing Git to manage code base, and more  Skills skills chart |
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| ABOUT ME 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. | | |  |
| EducationB.S. Applied Mathematics California State University Polytechnic, Pomona  Magna Cum Laude, GPA: 3.77  President’s List 2015-2016 Software | | |  |