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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 Unique volunteer arrangement to leverage my technical skills and expertise to design, develop, and maintain software applications, with a focus on building webservices, APIs, and efficient solutions.   * Contribute to the ongoing redesign and implementation of the workers compensation pricing application using Java and Spring Boot. * Develop a Python API to fetch, transform, and process XMLs, enabling seamless integration with the pricing application and other services. * Design and develop an application to extract, transform, and upload data from summary report excel files to a SQL database * Develop and execute thorough test cases for quality assurance, including user acceptance testing.  Intermediate Actuarial AnalystICW Group / San Diego, CA / June 2016 - Present Utilize mathematical modeling and analytical techniques to estimate and manage risks. Specializing in workers compensation pricing, I build mathematical models, analyzing data, and provide insights to support informed decision-making.   * Automate data exploration, transforming, uploading, and manipulation tasks using VBA, R, SQL, Python, Shell Scripts, Ansible, and other tools * Build 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 |
|  | [Briantran.math@gmail.com](mailto:Briantran.math@gmail.com) | |  |
|  | <https://github.com/exobrian> | |  |
|  | [LinkedIn](http://www.linkedin.com/in/briantran-math/) | |  |
|  | [Other Links](https://linktr.ee/briantran.dev) | |  |
| 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 | | |  |