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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 & technologies |
|  | [Briantran.math@gmail.com](mailto:Briantran.math@gmail.com) | |  |
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| ABOUT ME I am an experienced Actuarial Analyst with a passion for software engineering. Proficient in Python, Java, R, SQL, VBA, and more, I specialize in automating tasks, optimizing processes, and delivering impactful solutions.  With expertise in building scalable webservices, designing robust APIs, and implementing quality assurance practices, I bring a software engineering mindset to every project. Collaboration, innovation, and continuous improvement drive my approach as I deliver efficient solutions. | | |  |
| EducationB.S. Applied Mathematics California State University Polytechnic, Pomona  Magna Cum Laude, GPA: 3.77  President’s List 2015-2016 Current Projects | | |  |