Brian Bolt

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safdlkajsdfl

OBJECTIVE	To find work that will allow me to take full advantage of my passion and experience in software engineering, client solutions and development operations.
TECHNOLOGY SKILLS	- Operating Systems:Linux (CentOS/Redhat, Ubuntu, Debian), Windows, Mac OS. - Programming Languages:R, Python, JavaScript, Bash/Shell, Java, VBA, PHP. - Operations Technologies:AWS, Docker, SVN, Git, Github, Bitbucket, npm, JIRA, Knime. - Web Technologies:NodeJS, Javascript, Coffeescript, Bootstrap, Gulp, Webpack, Nginx, Apache, REST, SQL, PostgreSQL, Oracle, Mysql. - Other Technologies:Postman, Webstorm, Eclipse, Atom, Rstudio, RApache, Slack, Hipchat, Wireshark, Fiddler, Sharepoint, Word VBA, Excel VBA.

ADDITIONAL INFORMATICS SKILLS	• ACAS, LabSynch • Jchem, LiveDesign Seurat for SAR collaboration • Molecular Modeling: Sybyl, Dock, Pymol, Chimera • Molecular Visualization • Molecular Mechanics • Geometry minimization and transition state localization docking

| EXPERIENCE | Scientific Software Engineer 2010 - 2018 |
| | John McNeil & Company, Inc., La Jolla, CA |

- Deployed many instances of ACAS to customers, provided maintenance, backups, custom plug-ins, general support and custom configurations.
- Helped write and deploy a dose response curve fitting algorithm using R, that included automatic failing, curve classification and fit strategies (parameter fixing)
- Designed the R-based computational web-service infrastructure and libraries for ACAS. Served as team lead for reviewing all contributions to this library.
- Wrote code to Extract, Transform and Load (ETL) data from a vendor database to a custom designed table in a customer database for use with a second vendors software. This project included spec gathering from two different vendors, as well as specification for complex transformation rules from the customer.
- Architected and implemented Docker-based ACAS development workflow that enabled the development team to rapidly setup custom development areas for any client with that clients custom configuration and software modules. This saved about four hours of setup work each time a developer needed change projects.
- Architected and implemented the Docker-based ACAS production deployments. This saved two or more hours for each system upgrade and reduced upgrade error risks.
- Migrated compound structure and assay data from various third-party systems including Seurat, CoreLIMS and ActivityBase to ACAS. Wrote

EDUCATION	Drug Design 1 & 2 Professor Kalju Kahn (kalju@chem.ucsb.edu)

+————————————+————————————+ | RELEVANT COURSEWORK | Drug Design 1 & 2 | | |Professor Kalju Kahn | | | (kalju@chem.ucsb.edu) | | | | | | To teach principles that governs | | | the process of modern drug | | | discovery and development. | | | Students in the course follow a | | | path similar to that taken by | | | real-life drug developers by | | | learning important elements of | | | the drug design process in a | | | logical order. This course is an | | | overview of the process whereby | | | one identifies and optimizes | | | drugs against a validated | | | biological target (e.g., a | | | protein like HIV protease). The | | | course requires that you have a | | | solid understanding of organic | | | chemistry, particularly physical | | | organic chemistry. | +————————————+————————————+