

# Jasmine Singh

United States Citizen

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## Experience

### Programmer Analyst

Ultimo Software Solutions

Dec 2014 – Jul 2016

San Jose, CA

- Built business intelligence reports and data analysis solutions.
- Provided employee training for SQL, Tableau Desktop, and Tableau Server.
- Established and documented best practices for creating optimized visualizations in Tableau.

### Tableau Developer

GE (contract via Ultimo)

Mar 2015 – Oct 2015

San Ramon, CA

- Streamlined assessing of machine health for factory team, and increased productivity of energy management team, by creating dashboards in Tableau 8.3 and 9.0.
- Implemented custom SQL queries and Tableau calculated fields to resolve Greenplum ODBC limitation of providing only 100 characters at a time, when thousands of characters are needed.
- Collaborated with teams worldwide by utilizing Scrum methods, JIRA, and Git.

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## Skills

### Languages:

- Python
- JavaScript
- Ruby
- MATLAB
- HTML
- CSS

### Servers/Frameworks:

- Node.js
- Express.js
- Angular.js
- Django
- Flask
- Rails

### Databases:

- MySQL,
- PostgreSQL,
- Oracle
- Hadoop / Hive
- MongoDB
- CouchDB

### Other Technology:

- Git / GitHub
- Bootstrap
- jQuery
- WebSockets
- Tableau
- Agile / Scrum

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## Education

Bachelor of Science, Physics

San Jose State University

Graduated: 2012

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## Projects

### “IBM Cognitive – Fun Challenge 2 - Translator”

Mar 2017

TopCoder Challenge <https://github.com/jupigare/IBMCognitive-FunChallenge2-Translator>

- Created an API in Node.js and Express.js that connects to IBM Watson to translate text from English to other languages, and analyzes tone in both the source and translated language.
- Utilized Cloudant NoSQL DB (based on CouchDB) to store text and translations.
- Designed a full front-end in Angular.js, with D3.js for graphs and Bootstrap for styling.

### “Baby Names”

Oct 2016

Hackathon Project

<https://github.com/jupigare/babynames>

- Collaborated with three other developers to create a web application with Python (using the Django framework) and a MySQL database.
- Increased data access speeds by creating a MySQL database and migrated data from the CSV files (provided by Data.gov) into the database.
- Generated graphs using the “bokeh” Python library to display a name’s frequency over time.