

Xuehao (David) Hu

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10000tb.org

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WORK EXPERIENCE

ThoughtSpot Inc.

Palo Alto, CA

Member of Technical Staff - Software Engineer in Test

March 2017 - Current

- Building testing framework around integration tests
- Owning Docker subsystem (images, registry, scripts) with a view of making things simpler and more agile
- Built a long-running CI pipeline for cluster management layer, and optimized that with best pipeline practice on Jenkins
- Optimized CI building environment initialization time from 5 minutes to seconds (through Docker container)
- Developed a distributed cron service in Thoughtspot application cluster environment in Go and Python during coding bootcamp

Colorado Natural Heritage Program

Fort Collins, CO

Web&Database Developer

Nov 2015 - Dec 2016

- Built a web application that interactively visualize the relational tables in our database with SVG Path and Div, which automatically update relational relations per DB structures
- Built a search feature for searching for table names, table fields, and specific data entry from millions, which has optimizations to customize the rankings for tables/data entries based on popularity, user preferences

Big Data Group @CSU

Fort Collins, CO

Undergraduate Research Assistant

Sept 2015 - Dec 2015

- Developed a web visualizer, which can dynamically visualize real-time data from PostgreSQL in embedded Google Map and interactive charts with D3

DoTell Inc.

Fort Collins, CO

iOS Developer Intern

May 2015 - Nov 2015

- Developed 11 deliverable front-end views with back-end hookup in Agile environment
- Worked with iOS built-in sensors, MapKit, WebKit, UIView Animation, Customized Transitions

OPEN SOURCE

STATE-REPLAY: github.com/10000TB/state-replay

- A Jenkins plugin that helps replay workflow pipelines from any pre-defined checkpoint

CHYWAWA: github.com/10000TB/ChyWaWaWeb-Old

- A PHP web app with storage in Redis, MySQL, Memcached

JENKINS-PLUGIN-EXAMPLES: github.com/10000TB/Jenkins-Plugin-Examples

- A collection of Jenkins plugin examples to help new developers with plugin development

EDUCATION

Bachelor of Science

Colorado State University

Dec 2016

- Major in Computer Science & minor in Mathematics (Overall gpa 3.85/4)

AWARD

Coca Cola Scholar Full Scholarship

- Recognized as one of the two Coca Cola Scholars among all international students, and fully funded to study at CSU