Hao (Leon) Wu

Software Developer

Location: Remote or Seattle, WA 98105   Please Email before calling Cell: (626)838-8920

Github: https://github.com/haowu0802   Work Authorization:

U.S.Citizen

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Software Developer with focus on backend.
Built MVC web applications, RESTful APIs, data platforms.
Works in Agile, Test-Driven-Development environment.
Lifetime learner, passionate about game development.

SKILLSETS

Skill	Years of Experience	Frameworks/Libraries
JavaScript	4 years	NodeJS, jQuery, Jasmine.JS, Vue.js
Database	5 years	PostgreSQL, MongoDB, Redis
HTML/CSS	4 years	Bootstrap
PHP	3.5 years	Yii Framework
Software Development Methodologies		TDD, Agile, OOP, FP
tools/skills		Git, MySQL, Python, Heroku, Linux, Mandarin

PROFESSIONAL EXPERIENCE

The Skill Panel

Software Engineer / Founder   February 2017 - Present

A web application for tracking and sharing authenticated skill progression of users.
+   Build web application with Agile approach in Test-Driven-Development environment.

Branded Entertainment Network (Corbis)

Data Engineer   September 2016 - January 2017

The data science team creates data pipelines between applications and does data mining.
+   ETL: Extract and transform TV show airing data from multiple data warehouses and load into MongoDB and PostgreSQL for further analysis.
+   Airflow Data Pipeline: Write Directed Acyclic Graphs, Pipeline the ETL processes, visualize the status of each process and provide features such as ad hoc task runs of scheduled directed acyclic graph instances. Write Docker-py plug-in and non-backfilling feature.
+   Data Analysis: With Python data science library such as Pandas, Scikit-learn, run models including linear regression, random forest, etc. to predict the brand preference of audience.
+   Data Visualization: With C3js, plot interactive charts and tables for the data and use Matplotlib to plot the clusters of behavior/preferences extracted from audience data.

Zanadu Travel

Software Engineer   February 2014 - February 2016

- Web scraping: Scraping and building a dynamic pricing BI system that helps the team to visualize the changes of price and make marketing decisions accordingly
- Web development: Design, Spec, Coding according to requirement. Guide the user to understand their needs and point out the efficient direction to implement the features

Dangdang E-commerce

Backend Developer   December 2011 - February 2014
- Developed a modularized configuration system to reduce the time cost for deployment configuration and version controlling production configuration.
- Introduced zookeeper methodology from apache Storm distributed system to solve the problem of incomplete cronjob script data due to timeout interruptions.

EDUCATION

University of Pittsburgh, Pittsburgh, PA	Graduated in 2010
Bachelor of Science Degree	Specialty: Software Engineering
Computer Science Major	Game Development

RECOMMENDATION

Nicholas Johnson - Data Science Lead Developer - Corbis (Branded Entertainment Network)

"I worked directly with Hao at the BEN Group data development/science team. While on our team Hao headed up the development of a critical ETL management system and deployed it to production, worked on data exploration and regression analysis projects, and also pushed our team to have improved development practices. Hao is a sharp, self-directed engineer that produces high quality, easy to understand software. He is also very business-oriented; he focuses on understanding the customer and delivering features that benefit the customer and ultimately the business."

December 28, 2016, Nicholas managed Hao directly
Posted on https://www.linkedin.com/in/haowu0802/