Sicong Zhao

Portfolio of My Work → **www.SicongZhao.com**

LinkedIn · GitHub · Dribbble · Medium

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Education

Duke University
M.S. Interdisciplinary Data Science, GPA 3.6/4.0

May 2020
Durham, NC

Huazhong University of Science & Technology
B.E. Electronic Science and Technology

Jun 2013
Wuhan, China

Work Experience

Data Science Intern - Duke Health
Collaborate with Duke University Hospital (DUH) to develop a dashboard that indicates risks for cardiac decompensation. Categorized patients into 6 groups and evaluated related death rates. Insights assisted the cardiology department better allocate medical resources.

06/2019 - Present
Durham, NC

Product Manager - Aibee Inc.
Designed and launched AI-driven customer insight products as the only PM in the company. Cooperated with 3 $2.7-$35B clients and integrated our product into their BI system. After this, we have established strong strategic relationships, and one invested us in Series A round.

12/17 - 8/18
Beijing, China

- **Best Employee Award in 2018** (1/31)

Product Cofounder - Zhonggua Technology Co., Ltd.
Established a freelancer platform that connected top companies' employees and startups. Acquired by an AI company on 1st Dec 2017.

3/17 - 12/17
Beijing, China

Director of Mobile Platforms - Genetalks Biotechnology Co., Ltd.
Digitalized Genetalks' sales channel, established an app that provided post-sales service. This app helped collect ~50% of customers' profiles and de-identified information in 2016.

2/16 - 2/17
Beijing, China

Senior Product Manager / Product Manager - Baidu Inc.

7/13 - 12/15
Beijing, China

- Led product design, market analysis, user research for FaceYou App. In Dec. 2015, accumulated 5 million users, ranked 3rd place in overall ranking, 1st place in Entertainment category in App Store.
- Initiated personal AI assistant project BaiduEye, as PM led in design & development. Cooperated with National Museum of China and Intime Retail to develop BaiduEye as a customer service.
- **Outstanding Employee Award in 2015** (1/~150)

Personal Projects

Value Investing in Python: A project teaches users financial analysis. The first tutorial can be found **here**.

SoundSleep: Sleep aid app. Provide guided meditation and nature sounds to help users fall asleep. The design follows behavioral science and positive psychology principles. Until Nov. 2019, the weekly retention rate was ~19%.

Data Science Projects & Awards

Emotional States: A research project about if negative emotional states can be predicted from wearable activity sensor data. Currently the model (use CatBoost) predict negative emotion states with precision 0.482, recall: 0.626, F1: 0.544. **More details in Github**.

On-going

Insights of Google Employees from Glassdoor Data (Individual): **Project Summary**

12/18

NYC Housing Price Prediction by Transportation Data (Team-based): **Project Summary**

05/19

Best Use of Outside Data @DataFest Duke

04/19

Depression Analysis On Social Media (Text Analysis, Team-based) **Project Summary**

12/18

Patents (See all 6 on LinkedIn)

- **Led visual feedback help users locate the direction of head-mount devices' camera** — WO2016176950A1
- **Information acquisition method based on text analysis and voice synthesis** — CN107274884A
- **Design of head-mount device based on voice user interaction** — CN204166478U

Skills

Technical - Machine Learning, Stochastic Processes, Bayesian Analysis, Statistical Modeling, Text Analysis, Python, R, Tableau, SQL
Design - Data Visualization, Interface Design, Interaction Design; Tools: Tableau, Sketch, Photoshop, Illustrator