Tingyu Pan

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Summary

Motivated IT professional with solid developing and analysing skills seeking for a full-stack developer job transition from data to explore more practical business experience. Possess relative experience of objective oriented programming, web development, data analysis along with related knowledge of agile methodology and project management.

Employment History

05/2021 - current   **_nology.io - Junior Software Developer**

• Front-end design with multiple client projects with html/CSS/React and RESTful api development.

11/2019 - 02/2021   **Appen - Data Collection Specialist**
Level 4, 50 Blackall Street, Barton ACT, 2067 NSW

• Manage and configure the audio/image crowdsourcing data collection projects for machine learning purpose using database management MySQL queries and html design.
• Analysing ETL process of image/audio data and control the quality assurance pipeline for delivery with Excel PowerQuery and Python. Accomplished delivery of multiple million files level speech/image collection projects for the big 5 tech companies as clients.

07/2018 - 10/2018   **ThinkPlace - Data Analyst Intern**
Level 4, 50 Blackall Street, Barton Canberra, 2600 ACT

• Social sentiment analysis aligned with datasets by SVM machine learning with 86.7% accuracy and derivate policy insights for children vaccination in Australia.
• Data visualisation of the insights with correlated charts via interactive user interface by JavaScript.
• https://gist.github.com/panteneyoo/6dca369e1339602c6ca72dd0eccfba80

Education

Master of Computing

Specialisation - Artificial Intelligence & Professional Computing

Australian National University
07/2017-07/2019 Canberra ACT Australia
GPA 5.5/7 Distinction ANU Standard

Bachelor of Engineering (Computer Science and Technology)
Harbin Institute of Technology
07/2013-07/2017 Harbin Heilongjiang China

Degree Related Projects

- 02/2018-05/2018 Group Project, **Android Mobile Game Development-Raiden**

  Developed a mobile shooting game using AndroidStudio by Java with features like stages design, awarding mechanism, special enemies, etc based on the SurfaceView graphic framework.

- 12/2016-06/2017 Graduation Project, **Text Sentiment Analysis of Specific Scenarios by Deep Learning**

  Sentiment analysis with an improved Recurrent Neural Network with Python and Theano using Keras, training on a half-million text dataset with a result of 94.7% accuracy prediction. It can predict the sentiment polarity of certain users based on the Mandarin text from Weibo.com.

Technical Skills

- Multiple object-oriented Programming Language – Python(primary)/Java/C++ in agile software development throughout academic application-based projects with correlated data structure and algorithms.
- Proficient data analysis with statistical machine learning by python (TensorFlow/PyTorch/Pandas Wrangling) and database management (MySQL/PostgreSQL), especially in Natural Language Processing.
- Web development and design with html/CSS/React.js/Django through several website design assignments and projects.
- Microsoft Excel/SharePoint/Pandas/Jira project management/Crowdsourcing management/Quality Assurance control/Client-Oriented delivery reporting

Professional Skills

- Problem-solving/Solution-oriented methodology
- Critical thinking/Complex document writing
- Agile teamwork/Jira/Ticket-based Communication
- Human-centred design/User Experience Analysis

Volunteer Work

08/2015 Oasis Community Centre, Cairo, Egypt, Voluntary Web Developer

- Web Development and Design for the local NGO Nile Sun Association as an international student team. https://www.facebook.com/OasisCommunityCenter/

Referees

Helen Giddings
Senior Manager - Client Data Solutions, Appen
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Sam Su
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Dirk Van Rooy
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