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EDUCATION BACKGROUND

- M.S. in Control Science and Engineering, Tongji University, Shanghai, China.
  Ranked 10/90,   2011.09-2014.03

- B.E. in Electronic Information, Automation, Nanchang Hangkong University, Nanchang, China.
  Ranked 3/82,   2007.09-2011.07

RESEARCH INTERESTS

- Applied Statistics

- Statistics machine learning

PUBLICATIONS

LI Zhi-ping. Multi-channel Seizure Prediction Based on Support Vector Machine[J]. Computer Engineering, DOI: 10.3969/j.issn.1000-3428.2014.02.043.

MAJOR COURSES

- Advanced Mathematics (90/100), Complex Functions (94/100), Linear Algebra (80/100), Matrix Theory (85/100), Numerical Analysis (90/100), Pattern Recognition (94/100), Advanced Artificial Intelligence (92/100), Discrete Event Dynamic Systems (94/100), Mathematical Modeling (85/100).

RESEARCH

- Abnormal detection and prediction of epileptic seizures

  - Conducted empirical and theoretical studies and provided insights into the state-of-the-art method for the global test with correlated hypotheses.

  - Verified the predictability of seizures and proposed a validated method for abnormality detection.

  - Proposed effective predictive theoretical methods with theoretically validated results and clinically available devices to solve real-world problems.

HONORS & AWARDS

- Nominee, Top Ten Students of the University, NCHK   2009

- Winner, Outstanding Student Scholarship, NCHK   2007-2011

- Winner, Outstanding Student of the University, TJU   2012

- Provincial First Prize, National Mathematical Modeling Competition   2010

CODING SKILLS

Python, Matlab, Bash, SQL; GIT/GITHUB, TensorFlow, ALPS(Alibaba), Paddle-Paddle(Baidu).

WORKING EXPERIENCE

- Ant Group & Vanguard Group (The Vanguard Investment Consulting (Shanghai) Co., Ltd)
  Algorithm Expert   2020-

- Be responsible for profiling and giving suggestions using data analysis methods (e.g., hypothesis testing, anomaly analysis), machine learning methods (e.g., classification/prediction models, samples bias, causal inference), Engineering tools (e.g., SQL, hive, java, and TensorFlow and Alibaba's platform system Max-Computer/Alps/Ai-studio.

- Be responsible for recommending products that meet customers' risk qualification and investment needs, using multi-label models such as MMOE and PLE and deploying these models online, and monitoring business indicators, such as CTR and CVR.

- One Hundred Meter Network Technology Co., Ltd   Senior Algorithm Engineer   2019-2020
- Baidu Group(Baidu(China) Co., Ltd & Duxiaoman)   Senior Algorithm Engineer   2017-2019

  - Be responsible for predicting credit, considering business status (e.g., profit, loss), And analyzing for bad debt rate, balance retention rate, above two-month of overdue rate, rolling rate of bad debt and ROI.

  - Be responsible for predicting individual credit risk, using behavioral scorecards or models, such as BOOST, EMSS, and PLE, for predicting the probability of overdue repayment. Engineering tools include SQL, Hive, Hadoop, python, and Baidu's platform, Paddle-Paddle.

- Hua-Rui Bank(Shanghai)Co., Ltd   Big Data Algorithm Engineer   2015-2016
- Huawei Technology(Shanghai) Co., Ltd   Performance Algorithm Engineer   2014-2015

  - involved in algorithm optimization of terminal access on the 4G network, exploration of raster-based terminal access methods, and Engineering simulation projects. Engineering tools used, including SQL and Matlab.

OTHERS CERTIFICATES

- Algorithms, offered by Stanford online,

  - https://coursera.org/share/fd65e4f8b11f3caf5192ebc1ebd8c9f6(certificate Link).

- Deep learning in AI, offered by Coursera online,

  - https://coursera.org/share/c20b55d794613a34e0be4e86563a2a36.

- Deeplearning.AI TensorFlow developer, offered by Google online,

  - https://coursera.org/share/77233460970f3bd3f02ff9058fc4694b.