Peizhi Yan (颜培郅)

Master of Science (Thesis) in Computer Science, Graduate Assistant
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EDUCATION

- **Lakehead University**, Thunder Bay, Ontario, Canada — *Master of Science Student in Computer Science* 2018-present
- **Algoma University**, Sault Ste. Marie, Ontario, Canada — *Bachelor of Science in Computer Science (Hons., Cum Laude)* 2016-2018
- **University of Jinan**, Jinan, Shandong, China — *Bachelor of Computer Science Student 2014-2016* (Transferred to Algoma University)

EXPERIENCE

- **Graduate research assistant**, Lakehead University (2018-present)
- **Research assistant** (on artificial neural networks) at Brain Computer Interface lab, Algoma University, Canada (2017-2018)
- Participated in ACM regional contest. At Lake Superior State University, Michigan, United States (October 29, 2016)
- **Vice-minister** of Software Department of Turing Computer Association, University of Jinan, China (2015-2016)

PUBLICATIONS

- **Yan, Peizhi**, & Feng, Yi, (2018). USING CONVOLUTION AND DEEP LEARNING IN GOMOKU GAME ARTIFICIAL INTELLIGENCE. *Modern Physics Letters* A 28, no. 03 (2018): 1850011.
- **Yan, Peizhi**, & Feng, Yi, (2018). A Hybrid Gomoku Deep Learning Artificial Intelligence. *Artificial Intelligence and Cloud Computing Conference*, Dec 21-23, 2018, Tokyo, Japan. (ISBN: 978-1-4503-6623-6)

AWARDS

- **Faculty Research Award** (Lakehead University faculty of Computer Science), 2018
- **Lakehead University Entrance Award**, 2018
- **Lakehead University International Entrance Award**, 2018

- **Faculty of Science and Environmental Studies Entrance Award** (Lakehead University), 2018

PROJECTS

- Convolution-Based Gomoku Game Evaluation Algorithm (https://peizhiyan.github.io/conv_gomoku.html)
- Deep Learning-Based Portrait Mode Generator (https://peizhiyan.github.io/portrait_mode.html)

TECHNICAL SKILLS

- **Programming languages:** Java, Python, C++, C, JavaScript, PHP, HTML5
- **Operating Systems:** Unix/Unix-like OS, Windows

PERSONAL SKILLS

- **Leadership:** Holding academic seminar, Time management, Presentation
- **Professional Software:** Photoshop, Matlab, IBM SPSS

INTERESTS

- Artificial Neural Networks, Oil Painting and Sketching, Reading