

# Zhiming Huang

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## EDUCATION

**Northwestern Polytechnical University**, Xi'an, Shaanxi, China

- B.E. in Communication Engineering, GPA: 87.16 / 100, Rank: 3/72.

Sep 2014 – Jun 2018

**University of Victoria**, Victoria, BC, Canada

- M.S. in Computer Science, GPA: 8.75 / 9.

Sep 2018 – Apr 2020

## PUBLICATIONS

### JOURNAL PAPERS

- [1] Z. Huang, L. Yang, and W. Jiang, "Uncertainty Measurement with Belief Entropy on Interference Effect in Quantum-Like Bayesian Networks", *Applied Mathematics and Computation*, Volume 347, Pages 417-428, Apr 2019.
- [2] Z. Huang, W. Jiang, and Y. Tang, "A New Method to Evaluate Risk in Failure Mode and Effects Analysis under Fuzzy Information", *Soft Computing*, Volume 22, Issue 14, Pages 4779-4787, Jul 2018.

### CONFERENCE PAPERS

- [2] B. Hu, Y. Chen, Z. Huang, N. Mehta, J. Pan, "Intelligent Caching Algorithms in Heterogeneous Wireless Networks with Uncertainty", *In Proc. the 39th IEEE International Conference on Distributed Computing Systems (ICDCS)*, Jul 2019.
- [1] R. Liu, J. Song, Z. Huang, J. Pan, "EQRC: An Enhanced QR Code-based Secure E-coupon Transaction Framework", *In Proc. the 53rd IEEE International Conference on Communication (ICC)*, May 2019.

## CONTEST EXPERIENCE

**National Undergraduate Innovation Training Program**

Jun 2015 – Jun 2017

- Designated as **Excellent Project**
  - Project: **Medical Image Segmentation based on Evidence Theory and Its Accomplishment in FPGA**
  - Faculty Advisor: Prof. Wen Jiang
  - Zhiming Huang is responsible for designing the algorithm in FPGA.

**2017 Interdisciplinary Contest In Modeling**, held by COMAP

Jan 2017

- Designated as **Meritorious Winner**
  - Project: **Optimizing the Passenger Throughput at an Airport Security Checkpoint**
  - Faculty Advisor: Prof. Wen Jiang
  - Zhiming Huang established a Markov model using the queuing theory to simulate the passenger throughput.

## AWARDS & SCHOLARSHIPS

- **Mitacs Globalink Graduate Fellowship**, Sep 2018  
For former Globalink research interns who return to Canada for research-based graduate studies .
- **The Best Final Thesis Award**, Jun 2018  
For the outstanding final thesis, only 5% undergraduate awardees in the university.
- **The Excellent Graduate Award**, Jun 2018  
For the outstanding academic performance during undergraduate study, only 5% undergraduate awardees in the university.
- **Scholarship of Ministry of Industry and Information Technology of China**, Oct 2017  
For the outstanding performance in academic research, one of 3 undergraduate awardees in the university.
- **Scholarship of China Scholarship Council**, Jun 2017  
Full-tuition scholarship with stipend for undergraduate research internship at UVic, one of 4 undergraduate awardees in the university.
- **Scholarship of Ministry of Industry and Information Technology of China**, Oct 2016  
For the outstanding performance in academic research, one of 3 undergraduate awardees in the university.

[CV compiled on 2019-06-10]