Qiming Bao

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Education

- **The University of Auckland** — Auckland, New Zealand
  BSc of Science (Honours) in Computer Science — *August 2018 - now*
    - Class Representative of COMPSCI761 Artificial Intelligence
    - Cumulative GPA: 7/9

- **Auckland University of Technology** — Auckland, New Zealand
  Bachelor of Computer and Information Sciences — *July 2016 - March 2018*
    - Cumulative GPA: 7.733/9

- **China Jiliang University** — Hangzhou, China
  Bachelor of Computer Science — *September 2014 - June 2018*
    - Cumulative GPA: 4.16/5

Working Experience

- **Orion Health** — Auckland, New Zealand
  Summer Research Internship — *November 2018 - April 2019*
    - Develop an online medical web chatbot by usiung Django
    - Develop web chatbot with machine learning package including Pytorch, Tensorflow, scikit-learn, pandas, numpy, NLTK and gensim.
    - Gained valuable experience in machine learning development, database management, source control, software metrics and working as a team.

- **Mathematics Modeling Laboratory, China Jiliang University** — Hangzhou, China
  Lab Participant — *April 2016 - April 2018*
    - The Honorable Mention of 2018 American Mathematics Modelling Contest
    - Gained valuable experience in mathematics modeling, algorithm design and implementation, academic paper writing and team work.

Orion Health Summer Research Internship

- **Title**: An Online Question Answering System for Medical Questions

- **Work and experiments in this project**:
    - Developed a model of the medical chatbot using Bidirectional LSTM + Word Attention and Sentence Attention which got a better performance in single sentence question answering than LSTM , BERT and other state-of-the-art models.
    - Developed a direct implementation of the single-turn medical chatbot using Django web framework and using a set of APIs for recording and reconstructing a trained neural network.