Jin-Bo Huang

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EDUCATION

National Chiao Tung University **Jul. 2015 - Dec. 2017**
MS, Computer Science, GPA: 4.17 / 4.3 Hsinchu, Taiwan

National Chung Cheng University **Sep. 2011 - Jun. 2015**
BS, Computer Science, GPA: 3.24 / 4.0 Chiayi, Taiwan

EXPERIENCE

Research Assistant **Feb. 2019 – Present**
National Chiao Tung University Hsinchu, Taiwan
- Survey deep learning papers and review deep learning project proposals.
- Lead the team for Amazon AWS DeepRacer competition.
  Won 1st, 3rd, 5th, 7th prize in Taipei Summit Circuit among 89 competitors.

Substitute Civilian Serviceman **Jan. 2018 – Jan. 2019**
Ministry of National Defense, Taiwan Taipei, Taiwan
- Fulfilled the mandatory military service.

Engineer Intern **Jan. 2017 – Dec. 2017**
Industrial Technology Research Institute Hsinchu, Taiwan
- Designed and implemented the robotic grasping training process in V-Rep simulator with deep reinforcement learning algorithms.
- Improved speed and performance of the training process by curriculum learning.

Teaching Assistant (Deep Learning and Practice) **Feb. 2017 – Jun. 2017**
National Chiao Tung University Hsinchu, Taiwan
- Gave 3 small lectures and designed 2 course projects about deep reinforcement learning.

ACADEMIC RESEARCH EXPERIENCE AND PROJECTS

StarCraft 2 Deep Reinforcement Learning Agent – Independent Project **Sep. 2017 – Jun. 2018**
- Achieved human-level performance on various mini-games by implementing A2C and GA3C deep reinforcement learning algorithms.

Robotic Grasping **Jan. 2017 – Dec. 2017**
- Achieved 98% success rate in cube grasping task by implementing Deep Deterministic Policy Gradient (DDPG).

CGI Go Intelligence – Group Member **Dec. 2015 – Feb. 2017**
- Applied REINFORCE to improve the supervised learning (SL) policy network. Achieved 67% win rate against SL policy network.

EXTRACURRICULAR ACTIVITIES

Minister of Academic Affairs Department **Sep. 2012 – Aug. 2013**
Student Association of Computer Science Department, National Chung Cheng University

SKILLS

- **Programming:** C++ (proficient), Python (familiar)
- **Machine Learning:** TensorFlow, Scikit-learn