

# Rui Nan Wang

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## EDUCATION

- Georgia Institute of Technology**, Atlanta, GA      August 2016 – Present  
Expected Graduation: May 2020
- Candidate for Bachelor of Science in Computer Science
  - ✧ Minor in economics
- The High School Affiliated to Renmin University of China (RDFZ)**, Beijing, China      September 2013 – June 2016  
June 2016
- International Baccalaureate Diploma Program (IBDP)
  - Final IB Score: 43/45
  - International General Certificate of Secondary Education (IGCSE)      June 2014
  - GPA: 4.0/4.0

## PROJECTS AND AWARDS

- Habit Pets Web Application Development**      September 2016 - present
- Front-end developer of Habit Pets App
  - Integrated modern gamification and virtual pets for affection-oriented education and habit building
    - ✧ Based front-end programs on Java Script, JQuery and bootstrap, and back-end programs on PHP, MySQL, the CodeIgniter framework
    - ✧ Application available at: www.habitpets.com
- Robotics Competition/ Club**      October 2013 - August 2015  
August 2015
- 1<sup>st</sup> place in the 2015 China Region VEX Robotics Championship
    - ✧ Programmed for automatic and manual robotics competitions using the Intelitek Easy C language
    - ✧ Controlled robots to catch balls with aluminum intake strips, launch into small baskets a few meter away using photoelectric sensors, cam, and elastic bands
  - Bronze medal in the 2013 Asia-Pacific Robotics Championship (VEX)      October 2013
    - ✧ Programmed and assembled scissor-structured robots with air-pump clamps
- Patent and copyright**
- Patent holder of Chinese Calligraphy Grip Design      March 2014 - September 2015
    - ✧ Designed a device to assist new Chinese calligraphy students to properly handle their paintbrush
    - ✧ Sketched drafts for the prototype, incorporated illustrated explanations
    - ✧ Chinese Patent No. ZL 2014 2 0652270.6
  - Solar Energy Street Light Design
    - ✧ Designed power saving street light using infrared and sound sensors, targeting light traffic areas
    - ✧ Chinese Copy Right No. 00018763

## ACTIVITIES AND WORK EXPERIENCE

- GuruMe**, Summer internship      June 2016 – July 2016
- Project organizer and designer**, Beijing, China
- Designed and Organized GuruMe IB tutoring public page
  - Edited and translated incoming academic materials for publication
- Social services**
- Volunteer Teacher at Mingyuan Migrant School**, Beijing, China      September 2014 – December 2015
- Took Full responsibility of the fourth grade English curriculum, preparing students for district standardize tests
  - Taught 4 hours every week, including class preparation and homework corrections
  - Built a website for volunteering weekly blogs
- Leadership**
- President of Academic Department**, RDFZ Student Union, Beijing, China      October 2014 – October 2015
- Organized peer tutoring, Speech Competition, English Vocabulary Competitions
  - Built and maintained a learning platform on the department public page and provided academic materials

## SKILLS

**Programming Languages:** Intelitek Easy C (robotics programming), Single-chip machine language, Java, HTML, CSS  
**Applications:** Web Applications, Robotics Control  
**Fluent Languages:** English, Chinese (bilingual)  
**Other:** Fast learner, Efficient and self-motivated