June Ge

69 Brown St Box 5896, Providence, RI 02912 | 703-624-8149 | june_ge@brown.edu | junege37.github.io

Education

Brown University, Providence, RI **May 2019**
Sc.B Electrical Engineering, **GPA: 3.75**
Relevant Coursework: Design of Electronic Circuits, Computer Systems

Thomas Jefferson HS for Science and Technology, Alexandria, VA **June 2015**
Advanced Diploma, Neuroscience Research with Electronics Track, **GPA: 4.45**

Work Experience

Brown University CS Department, Providence, RI
Undergraduate Teaching Assistant, CSCI 0160 **Jan 2017 - pres**
- Develop Java and Python support code for Data Structures and Algorithms course
- Implement testing scripts for assignments and homeworks
- Hold sections and TA hours for concept reinforcement and code debugging

Brown University School of Engineering, Providence, RI
Grader, ENGN 0520 **Jan 2017 - pres**
- Provide students with weekly feedback on problem sets for Circuits and Signals class

John Street Studio, Providence, RI
Technical Assistant **Sept 2015 - May 2016**
- Maintained workshop environment and equipment, as well as installations
- Assisted with design, machining, construction of props/sets/models

Projects

Formula SAE, Brown University, Providence, RI
Wiring Harness Design Lead **Sept 2015 - pres**
- Design and manufacture wiring harness subsystem, connecting all sensors and electrical components of car to central control and power
- Contribute to overall machining and assembly of racing vehicle

Brown Robotics Olympiad, Providence, RI
Participant **April 2016**
- Designed, constructed, and programmed Arduino-based robot for maze-solving in micromouse-style robotics competition

PilotDC, Fairfax, VA
Winner, "Most Useful App" **Aug 2015**
- Created winning anxiety-tracking app, "Heart," contributing to front-end app development (HTML/JavaScript)

Research

SPIRE-EIT REU, Iowa State University, Ames, IA
Research Intern May - Aug 2016
- Developed automated assistant interface for manned aerospace missions using a human-centered design paradigm
- Tested prototype on subjects using FlightGear simulator; wrote and presented paper

Skills

Programming/Software: Experienced with Java, C/C++, MATLAB, proficient in Python; LaTeX, SolidWorks, NVIDIA CUDA, Unity3D, Maya
Hardware: Soldering/breadboard prototyping, Arduino, 3D Printing, CNC machining
Other: Fluent in Mandarin Chinese

Honors

Jane Street Women in STEM Conference Participant **2015**