Rosy R. Zhang

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Campus Address	**Permanent Address**
234 Atherton Hall	2077E Raleigh Road
University Park, PA 16802	Hummelstown, PA 17036

EDUCATION

B.S. in Computer Science and Psychology (Neuroscience Option)
The Pennsylvania State University, University Park, PA　　　　GPA: **3.87/4.00**
Schreyer Honors College Scholar, 7th Semester Classification
Anticipated Graduation: May 2020
Hershey High School, Hershey, PA　　　　GPA: **4.00/4.00**
Relevant Courses
Discrete Mathematics　　Object Oriented Programming with Web-Based Analysis
Data Structures and Algorithms　　Introduction to Systems Programming

SKILLS　　Java　Python　MATLAB　C　HTML5　CSS　Java SQL

RESEARCH EXPERIENCE

Anxiety and Emotions Laboratory　　　　Feb '17 - present
The Pennsylvania State University, University Park, PA
- Collaborate with interdisciplinary graduate research team under direction of Dr. Michelle Newman
- Develop GUI for Mood Triggers: Anxiety and Sadness on Google Play Store using Android Studio (10,000+ installs)
- Develop GUI for Mood Triggers App on App Store using Swift (in development)

Cognitive Aging and Neuroimaging Laboratory　　　　Aug '17 - present
The Pennsylvania State University, University Park, PA
- Investigate the effects of aging on episodic memory processes including basic episodic memory, false memory, and source memory

Center for NMR Research　　　　May '17 - Jul '17
Penn State College of Medicine, Hershey, PA
- Manipulated MATLAB and SPM batch system to develop GUI for skull stripping fMRI images in Statistical Parametric Mapping software program
- Worked on publishing manuscript for public use of skull stripping software (second author)

WORK EXPERIENCE

Learning Assistant, Python Programming (CMPSC 101)　　Aug '17 - present
Pennsylvania State University, University Park, PA
- Hold bi-weekly office hours to help students with homework assignments
- Grade students' recitation and homework programs in Python

Learning Assistant, Chemistry Principles II (CHEM 112)　　Aug '17 - present
Pennsylvania State University, University Park, PA
- Attend lecture to help students answer group clicker questions
- Hold weekly office hours and LA sessions to help students develop necessary skills
- Proctor timed practice exams and go over answers

LEADERSHIP & INVOLVEMENT

Webmaster, PSU Global Brigades Environmental Chapter	May '17 - present
Member, Association of Women in Computing	Jan '17 - present
Orientation Leader, PSU International Student Orientation	Mar '17 - Aug '17
Member, Pennsylvania Science Olympiad Hershey C Team	Aug '14 - Jun '16

HONORS

College of Engineering Dean's List	Dec '16 - present
William A. Schreyer Academic Excellence Scholarship	Aug '16 - present
Jack and Frances Tsui Honors Scholarship	Aug '16 - present
President's Education Award for Educational Excellence	Jul '16
National AP Scholar Award	Jul '16