

## HENGYI LIN

### PERSONAL WEBSITE

www.andyhengyilin.com

### CONTACT INFORMATION

(765) 838-9508

lin483@purdue.edu

### EDUCATION

<b>Purdue University</b>	GPA 3.72 / 4.00	West Lafayette, IN	Aug 2014 --- May 2018
Bachelor of Science in Computer Engineering			
<b>Purdue University</b>	GPA x.xx / 4.00	West Lafayette, IN	Aug 2018 --- May 2020
Master of Science in Electrical and Computer Engineering			

### WORK EXPERIENCE

**Department of Physics and Astronomy, Purdue University** Jan 2015 --- May 2016

*Lab Undergraduate Teaching Assistant for PHYS 172*

- Facilitated Graduate Teaching Assistant for lab procedure explanation
- Taught students to straightforwardly simulate corresponding physical concepts using VPython
- Assisted students to thoroughly understand and debug VPython

### RESEARCH EXPERIENCE

**Haptics Interface Research Lab, Purdue University** Jan 2017 --- Present

- Interpreted haptics vibrational signals into communicative information
- Studied the influence on human perception for different values of haptics signals' parameters
- Created preliminary prototypes of haptics emotional communication devices

### PROJECTS

**Omniscient Discord Bot** Dec 2017 --- Present

Create a bot application in a discord server that can reply messages according to the users', store user-customized Q&A messages, and forward posts from social media to the discord server

More projects are under "Projects" Section on my personal website [www.andyhengyilin.com](http://www.andyhengyilin.com)

### SKILLS

#### **Languages**

C, Python, C++, Java, HTML, CSS, Javascript, Verilog, SystemVerilog, Assembly

#### **Programmable Hardware**

FPGA, STM32 microcontroller family, Arduino

#### **Tools and Technologies**

jQuery, Google Firebase, Android Studio, MicroVision, STM32 CubeMX, Git

### ACHIEVEMENTS

**Dean's List & Semester Honors, Purdue University**

Dec 2014 to Jan 2016 & Dec 2016 to May 2018