

HENGYI LIN

PERSONAL WEBSITE

www.andyhengyilin.com

CONTACT INFORMATION

(765) 838-9508

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EDUCATION

Purdue University	GPA 3.72 / 4.00	West Lafayette, IN	Aug 2014 --- May 2018
Bachelor of Science in Computer Engineering			
Purdue University	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' input, 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

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