DANIELLE HU

DANIELLH@ANDREW.CMU.EDU | 727-741-7691 | PERMANENT RESIDENT

Contact:

Current Address:
Carnegie Mellon University
SMC 3822
Pittsburgh, PA 15289

Permanent Address:
2707 Timacqua Drive
Holiday, FL 34691

Education:

Carnegie Mellon University
Pittsburgh, PA
May 2018
Bachelor of Engineering
Electrical and
Computer Engineering
GPA: 3.19 / 4.00

Skills:

Python, C, Javascript,
Arduino, HTML, CSS,
Adobe Illustrator,
Adobe Lightroom,
Microsoft Word,
PowerPoint, Excel

Activities:

Society of Women Engineers
The Cut, Music Magazine
The Tartan, SciTech Writer
and photographer

Links:

https://github.com/daniellehu
http://www.flickr.com/daniellehu
http://www.daniellehu.github.io

Experience:

- Quadrotor StuCo & Quadrotor Project
  Carnegie Mellon University Robotics Club
  September 2014 – Present
  - Teach students how to create their own Quadrotors for recreational uses. Use software and technical equipment such as CAD Software, 3D Printers, laser cutting, and computer programming

- SPIRAL Undergraduate Research Project
  Carnegie Mellon University, Electrical and Computer Engineering
  February 2015 – Present
  - As part of a smaller branch in the ongoing SPIRAL project, this undergraduate research project involves taking apart hardware components of computers and measuring the power of each part to measure precise data to determine information on power efficiencies.

- Independent Research Project (Young Scholars Program)
  National High Magnetic Field Laboratory, Tallahassee, FL
  June 2013 – July 2013
  - Research with Dr. Kun Yang on the subject of quantum entanglement and its effects on the advancement of modern technology. Presented research findings in poster session for staff members of Florida State University.

Projects:

- Ezzy World November – December 2014
  Carnegie Mellon University, Pennsylvania, PA
  Term Project: 15-112 Fundamentals of Programming
  - Developed and designed a life-simulating video game using Adobe Illustrator and Python Tkinter
  - Contacted by Applied Predictive Technologies after being featured in a Lightning Round Video

- The Piairno January 11, 2015 – Present
  Carnegie Mellon University, Pennsylvania, PA
  Build 18 - Week Long Hackathon & Continuing Project
  - Created wearable gloves that played piano in the air
  - Implemented flex sensors and the Arduino Uno to produce tones at certain frequencies.

- Snaps vs. Humanity February 6 – 8, 2015
  Carnegie Mellon University, Pennsylvania, PA
  TartanHacks - 24 Hour Hackathon
  - Created a game through Snapchat using Cards Against Humanity.
  - Used Open CV to read confirmation snaps and a third-party Snapchat API to interact with a web page server.