

# Peter Wang

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## Education

August 2015 - May 2019 (expected)

### **University of Maryland College Park, College Park, MD – *B.S. in Computer Engineering***

- QUEST Honors Program - selective program focusing on quality management, process improvement, and system design
- Honors College - University Honors
- GPA: 3.91

## Skills/Activities

**Skills:** Python (packages: PyQt, NetworkX, SQLAlchemy, and more), Java, MatLab, SQL, JavaScript, HTML, CSS, JQuery, Microsoft Office, Autodesk Inventor, social media, Arduino, LaTeX, Django

**Language:** Fluent in Chinese

**Activities:** Club Swim Captain, 2016 Georgetown Hackathon

## Technical Experience/Leadership

May 2016 - September 2016

### **Physical Measurement Laboratory, NIST – *Software Developer***

**Gaithersburg, MD**

- Used Python to create a turn-key system for completely automated precision mass calibration, saving up to 8 hours a day
- Fully integrated MySQL database into a user friendly GUI using PyQt and communicated with balances and environmental instruments through serial ports

December 2015 - Present

### **Consult Your Community, UMD – *Business Analyst***

**College Park, MD**

- Provide pro bono consulting to local companies and organizations
- Spring 2015 - Consulted for Yaatra Ventures, a D.C.-based startup interested in energy industry in sub-Saharan Africa.
- Fall 2015 - Consulting for START, a UMD-led organization that hosts the world's largest terrorism database

February 2016

### **Whisp – *Team Member***

**Georgetown, D.C.**

- Created a social media platform for Android at Georgetown Hackathon using Java and Google API. Allows users to upload soundbites at a location, and other users to hear existing soundbites.

May 2014 - August 2014

### **Mechanical Engineering Dept, UMD – *Paid Research Intern***

**College Park, MD**

- Coded in MatLab to create dynamic model of unmanned aerial vehicle to aid NAVAIR to verify safety of UAVs to FAA standards. Worked with 4 colleagues to create a program to minimize time, distance traveled, and risk to civilians on a drone flight.
- Delivered a research defense presentation to senior members at NAVAIR.

## Awards

- Banneker/Key Full Scholarship, for “significant academic leadership and achievement”
- 2016 NewDay USA Case Competition runner-up, 2016 Deloitte National Case Competition runner-up
- Sandy Heyman Higher Mathematics Award ‘15