### Nathan Wang

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# Education

**Bachelor of Science in Electrical Engineering** Expected Graduation May 2017

Mississippi State University, Starkville, MS. GPA 3.21/4.00.

# Professional Experience

**Southern Nuclear Company**, Waynesboro, GA May 2016 – July 2016

***Systems Engineering Co-op***

* Drafted a procedure to direct personnel requirements to approve building handover process
* Coordinated meetings for the initial building handover process
* Updated a group consisting of 5 subject matter experts on any scheduling conflicts in construction
* Learned to read and understand engineering documents to update the Master Equipment List

***Cyber Security Co-op*** Jan. 2016 – May 2016

* Assisted in a procedure change within a cyber security field of study
* Developed, maintained, and became point of contact in a team of 5 for all Quickbase activities and forms
* Discussed topics such as switches, VLAN, Kerberos, man-in-the-middle attack, and insider threat

***Cyber Security Co-op*** May 2015 – Aug. 2015

* Cross-referenced cyber security plan with Regulation 5.71 and NEI 08-09 to ensure appropriate regulations were followed
* Created a manufacture information list of over 60 components for Critical Digital Assets
* Became familiar with cyber security topics such as real-time threat detection, updating/patching software, malware kiosk, and user awareness

**Mississippi State University, Starkville, MS** Aug. 2015 – Dec. 2015

***Tutor for Calculus and Electrical and Computer Engineering (ECE) Courses***

* Explained concepts in Calculus and ECE courses using various approaches
* Conversed with students from various majors to ensure the course material was learned thoroughly

# Skills & Projects

* **Proficient:** Python
* **Beginner:** C#, C++, HTML, Assembly, MATLAB, and LabView
* **Programs:** Solid Edge, QuickBase, Microsoft Products
* **Projects:**
  + Led a team to create a self-adjusting quadcopter drone that adjusts via distance by calculating area of a user-specified color using Python
  + Converted Raspberry Pi to Smart TV to learn more about Linux systems

# Honors & Activities

* IEEE Sept. 2016 – Present
* Capture The Flag Club (Computer Security Competition) Sept. 2016 – Present
* ECE Mentor Sept. 2016 – Present
* North American Young Generation in Nuclear (NAYGN) Jan. 2015 – Aug. 2016
* Vietnamese Student Association (VSA) Aug. 2012 – May 2016
* MSU Marching Band and Wind Ensemble Aug. 2012 – May 2013