

# Veronica Lee

## CONTACT

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## EDUCATION

**New York University Abu Dhabi** *Abu Dhabi, UAE / Aug'15 - May'19*  
Bachelor of Science, Mechanical Engineering  
Full Academic Scholarship

**New York University Tandon** *New York, USA / Jan'18 - May'18*  
Semester Abroad

## SKILLS

### Software

Solidworks, Fusion360  
Adobe Creative Suite

### Programming

HTML & CSS  
Python  
MATLAB  
C++ (basic)

### Mechanical

CAD  
DFM & DFA  
FEA

### Prototyping

3D Printing  
CNC Mill  
Woodworking  
Electronics

### Languages

English  
Russian (native)  
Chinese (beginner)

## INTERESTS

Varsity Basketball  
Graphic Design

## EXPERIENCE

**Mechanical Engineering Intern** *Shenzhen, China / June'18 - July'18*  
NOA Labs

Designed a smart home light switch which snaps over an existing switch and connects to a home WiFi enabling remote control features such as scheduling the lights around daily routines.

**Designer, Structural Engineer** *Abu Dhabi, UAE / Mar'17 - Present*  
Team NYUAD - Solar Decathlon Middle East

Designed a structural model of the house and performed assessment of structural and wind loads; assisted in material selection and construction method development.

**Mechanical Engineer** *Mumbai, India / Jan'17 - June'17*  
URBZ: user-generated cities

Designed and built a chimney with wet scrubbing system to remove particulate matter from the released smoke after conducting ethnographic fieldwork in the local community.

**Design Engineer, Project Manager** *Boston, USA / May'16 - Oct'16*  
iGEM (International Genetically Engineering Machine)

Led NYUAD team to silver medal for developing a non-laboratory mechanism for Shiga Toxin detection responsible for the majority of foodborne E. coli infections.

## LEADERSHIP

**Workshop Coordinator** *Abu Dhabi, UAE / Mar'17 - Present*  
weSTEM (Women Empowered in STEM)

Organized High School Conference for 50 girls to encourage them to pursue careers in sciences and engineering and conducted engineering workshops to provide hands-on experience with microcontrollers and manufacturing tools.