

# Veronica Lee

## CONTACT

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## EDUCATION

**New York University Abu Dhabi** *Abu Dhabi, UAE / Aug'15 - May'19*  
**Bachelor of Science in Mechanical Engineering**  
Full Academic Scholarship; GPA: 3.55  
Studied in Abu Dhabi, Shanghai, New York, and Sydney.

## SKILLS

### Mechanical

3D CAD (SolidWorks)  
2D Drawings  
DFM & DFA  
FEA & FEM

### Design

Sketching  
Design Thinking  
Adobe Creative Suite

### Programming

HTML & CSS  
Python  
MATLAB  
C++ (basic)

### Prototyping

3D Printing  
CNC Milling  
Basic Electronics  
Power & hand tools

### Languages

Russian (native)  
English (fluent)  
Chinese (Elementary)

## INTERESTS

Varsity Basketball  
Graphic Design  
Blogging



## EXPERIENCE

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

- Developed detailed production drawings of house assembly including finishes and dimensions, as per building codes.
- Worked on structural aspects of the house, designed modular elements and mounting system to provide house accessibility.
- Planned and executed a supply chain of materials from international suppliers to the UAE.
- Actively assisted in the construction of the house on site.

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

- Designed and built hardware for a user-friendly smart home light switch which connects to a home WiFi enabling remote control of features.
- Collaborated with Chinese engineers to deliver consumer products to clients.

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

- Conducted ethnographic fieldwork in the largest slum of Mumbai.
- Developed a chimney with wet scrubbing system to remove particulate matter from the released smoke.

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

- Led NYUAD team to a silver medal for developing a cost-effective device that detects food toxin in non-laboratory conditions.



## 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.
- Conducted engineering workshops to provide hands-on experience with electronics and machine shop tools.