

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: 3.53

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.