

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.