

ALLEN LAO

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Education

NYU Polytechnic school of Engineering

2014-2018(Anticipated Graduation date)

- B.S. Computer Engineering
- Relevant Courses: Data Structures & Algorithms, Introduction to C++, Python, Introduction to Engineering Design and Innovation, Digital Logic, Design & Analysis of Algorithms

Technical Skills

- Microsoft Office / Microsoft SketchUp
- LEGO Mindstorms
- LabVIEW
- AutoCAD
- Prezi
- C++
- Python
- HTML
- CSS
- JavaScript

Related Projects

Search and Recovery Robot

Sept. 2014 – Dec. 2014

- Designed an autonomous robot that traversed an obstacle course and pick up nodes
- Utilized Microsoft SketchUp to design robot, built using LEGO Mindstorms, managed team with Microsoft Project
- Nominated for the Nick Russo Award for Outstanding General Engineering Design

VertiLife – Vertical Livestock Farming

Jan. 2015 – May 2015

- Developed a concept improving livestock farming by utilizing vertical expansion as opposed to current methods
- Interviewed farmers in the industry and created a proposal for a MVP using Prezi, and presented idea to colleagues

Work Experience & Leadership

Operations Intern - NextGenVest

August 2016- Present

- Communicated with school administrators across the nation to setup workshops and presentations
- Improved the operational processes and strategies within the startup (marketing strategies and initiatives)
- Engaged in direct outreach with students both in-person and virtually

Volunteer – Habitat for Humanity

Sep. 2010 – Present

- Contributed over 100 hours to building housing for people in need both in Alabama and New York
- Engaged in hands-on projects that involved planning, construction, and team work

Restaurant Assistant Manager – Chop Suey Inn

Sep. 2010 – July 2015

- Lead a team of employees, worked with customers to ensure satisfaction, and fostered a working team environment
- Improved communication and time management skills immensely and helped in dealing with stressful situations over long stretches of time

Volunteer - Exceptional Foundation

Sep. 2011 – Sep. 2014

- Assisted children with special needs with daily activities requiring lots of interaction with team members in order to create a safe learning community
- Engaged in team building exercises, improved patience for others, and developed improved communication skills