Michael Jin

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Ann Arbor, Michigan | New York City, New York

Education

April 2019 | University of Michigan; Ann Arbor, MI
Major: Computer Engineering
Minor: German
GPA: 3.9/4.0

June 2015 | Stuyvesant High School; New York City, NY
GPA: 96/100

Relevant Courses

Programming & Data Structure; Intro to Computers & Programming; Intro to Logic Design; Multivariable Calculus; Differential Calculus; Discrete Math; Design in the Real World

Personal Projects

Virtual Rubik's Cube   **New York City, New York**
Java Programmer   May 2014 – June 2014
- Developed a Rubik's Cube inside Processing Environment.
- Designed a fully 3-D rotational cube to simulate real Rubik's Cube behavior.
- Programmed function to randomize cube for solving.
- Integrated algorithm to automatically solve Rubik's Cube.

Programming Competition

ZeroRobotics   **New York City, New York**
C++ Programmer   September 2014 – December 2014
- Programmed autonomous robots to perform tasks in zero-gravity environments.
- Designed robot instructions to avoid obstacles and complete multiple objectives.
- Utilized a modified C-coding language to write program script.

Project Teams

Michigan Hybrid Racing   **Ann Arbor, Michigan**
Electric Vehicle Powertrain Member   September 2015 - Present
- Create schematics using Multisim to simulate vehicle's high voltage system.
- Participate in vehicle high voltage safety inspection.
- Gain multidisciplinary skills such as PCB designing and vehicle parts machining.

Work Experience

EnvoyNow   **Ann Arbor, Michigan**
Operations Manager   August 2016 – October 2016
- Grow and maintain food delivery startup on Michigan campus.
- Build a network of reliable delivery personnel by staying in constant contact via email, text, and phone calls.
- Introduce novel marketing strategies to target specific interest groups, such as posting fliers in the CHEM building bathrooms to target freshman taking CHEM 101.

Stone Kitchen Inc.   **New York City, New York**
Summer Management Intern   July 2015 – August 2015
- Researched and evaluated industrial properties suitable for company development.
- Facilitated meetings with brokerage firms to discuss lease opportunities.
- Negotiated lease terms and worked in close liaison with property representatives.
- Ensured all parties were aware of proposed timeline and important deadlines.
- Streamlined property integration by consulting with industrial equipment vendors.
- Researched property safety laws to ensure company met state requirements.

Software and Programming

Software: Matlab; Microsoft Word; PowerPoint; Excel;

Computer Languages: C; C++; Java; Python

Languages

English & Mandarin (Fluent); German (Working Proficiency)

Interests

Amateur videography; Recreational Basketball