

# ALEXANDER MUSTAFICH-NUTLEY

AGM236@CORNELL.EDU 631-617-7657  
138 MOREWOOD DR. SMITHTOWN, NY

## EDUCATION:

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### **Cornell University – Ithaca, NY**

B.S. Operations Research and Engineering  
GPA: 2.922

Expected May 2022

## SKILLS:

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Java, Python, Web Development, Graphic Design

## EXPERIENCE:

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### **Cornell Hyperloop Project Team – Ithaca, NY**

Business Development Sub-Team

Feb. 2020 – Present

- Conducted corporate outreach to over 50 businesses
- Created marketing material and graphics for 10-day alumni sponsorship campaign
- Facilitated the introduction of a formal Bill of Materials working in conjunction with other technical sub-teams
- Developed brand image to increase campus engagement by 25%

## RESEARCH EXPERIENCE:

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### **SciMax Technologies – Plainview, NY**

“The Effect of Graphene Nanotubes on a Carbon Fiber Composite Matrix”

Summer Research Internship

Aug. 2017

- Created a detailed research, fabrication and testing schedule
- Utilized Catia v5 CAD software to develop detailed test models and fabrication layouts
- Cut pre-layup weave material using computer controlled, vacuum assisted cutting table
- Fabricated 16-layer wet-layup Carbon Fiber composite panels
- Machined test material using Thermwood CNC Router, producing 3 Test Coupons
- Tested material to ASTM D790 Flexural strength standard
- Authored a 20-page research document for submission to Siemens and Regeneron National Science Competitions
- Designed presentation and graphics for 3-panel display and 10-minute talk at Long Island Science and Engineering Fair, and Junior Science and Humanities Symposium in 2018

## WORK EXPERIENCE:

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### **Target Stores – Commack, NY**

Guest Service/ Flexible Fulfillment Team Member

Oct. 2017 – Jan. 2020 (Educational Leave)

- Processed guest transactions, including returns and purchases
- Answered guest inquiries and provided comfortable guest experience as the main point of interaction for shoppers.
- Used proprietary software to efficiently complete flexible fulfillment orders in under 60 minutes, with less than 1% INF rate

### **Marriott Student Learning Center – Ithaca, NY**

Learning Center Monitor

Aug. 2019-Present

- Facilitated efficient scheduling and allocation of upwards of 20 library resources including reservable meeting rooms
- Assisted library patrons with technological issues and university print services
- Maintained point-of-sale for café items such as coffee and tea

## INTERESTS:

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Playing guitar, cars, car modification, technology, programming, live music, Pi Kappa Alpha, design, music composition, audio recording