

# Kai Vong

(770) 906-7739

[kaivong@gatech.edu](mailto:kaivong@gatech.edu)

## EDUCATION

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**Georgia Institute of Technology (Atlanta, GA)**

June 2018-May 2022

- B.S. in Mechanical Engineering

## SKILLS

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**Language:** English (Advanced) , Native Vietnamese, Spanish (Elementary)

**Modeling:** Solidworks, AutoCAD

**Prototyping:** Laser Cutting, Water Jet, Machine Shop, 3D Printing, Soldering, Lathe

**Programming:** MatLab, Python, Java, LabView

## PROJECTS

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### **Despicable Me Robot**

- Semester long robotic project for ME 2110 (Creative Decision and Design)
- Designed and constructed an automated system for executing assigned tasks
- Learned to utilize motors, pneumatics, wood, solenoids, and 3D printed parts
- Top 8 in Final Design out of 60 teams

## EXPERIENCE

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### **Student Laboratory Assistant**

October 2018-Present

GT Institute of Electronics and Nanotechnology (Atlanta, GA)

- Testing femtosecond laser cutting capabilities across various material
- Model and prototype component for lab environment
  - Designed and 3D printed custom test tube holders, water jet cable routers

## LEADERSHIP

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### **Prototype Instructor (Waterjet Apprentice)**

September 2019- Present

GT Invention Studio (Atlanta, GA)

- Mentor end users at world's largest academic makerspace
- Trained in various equipment including laser cutting, machining, 3D Printing, and soldering