

Kai Vong

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EDUCATION

Georgia Institute of Technology (Atlanta, GA)

June 2018-May 2022

- B.S. in Mechanical Engineering

SKILLS

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

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

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

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