

# Quang Ngo

## Curriculum Vitae

*"An investment in knowledge pays the best interest" - Benjamin Franklin*

### Education

- 2019–2020 **Bachelor of Science**, *The University of Akron*, Ohio, *GPA – 4.0*.  
Specialized in Applied Mathematics
- 2019–2021 **Bachelor of Science**, *The University of Akron*, Ohio, *GPA – 3.5*.  
Specialized in Computer Science
- 2020–Present **Master of Science**, *The University of Akron*, Ohio, *GPA – 4.0*.  
Specialized in Applied Mathematics

### Experience

#### Vocational

- May **Aerospace Engineer**, BURDINE-ANDERSON, Ohio.
- 2021-July 2021 Summer Intern: working on quality measurement/documentations, first artical inspection reports, CMM operation, specification, engineering drawings and material certifications.
- 2019–2021 **Learning Assistant**, THE UNIVERSITY OF AKRON, Ohio.  
Assist students with Math, Computer Science, and Statistics.
- 2021–Present **Research Assistant**, THE UNIVERSITY OF AKRON, Ohio.  
Analyze XPCS data to see how the influence of silane coupling agents on filler network structure and stress-induced particle rearrangement in elastomer nanocomposites.

### Research

- 2021 SEIR Covid-19 Model (with Professor Alexander P. Hoover) to see the effect duration of Covid-19 and its impact on Summit County.

### Awards

- 2019–Present Dean's List Award: GPA above 3.5 for 3 years.
- 2019–Present Akron Guarantee Award: ACT above 28.

### Computer skills

- Basic C, noSQL, R, DJANGO, HTML, JAVA, JAVASCRIPT, C#
- Intermediate **Python**, C++,  $\LaTeX$ , Linux, Microsoft Windows, Microsoft Tools, MySQL, SQL, **GitHub**, G-code, M-code
- Advanced Data Analysis, Machine Learning, Optimization

### Languages

- Vietnamese Mothertongue
- English Intermediate
- Japanese Basic

*Conversationally fluent in read, write, and listen*  
*Read, write, and listen to basic words and phrases only*

### References

Available upon request.