

Quang Ngo

🌐 github.com/NgoWang | [in linkedin.com/in/quang-ngo-27b232188](https://www.linkedin.com/in/quang-ngo-27b232188) | ✉️ quanghmngo@gmail.com | 📞 +1-(325)320-2963

EDUCATION

The University of Akron Jan 2019 - May 2022
Bachelors of Science in Computer Science GPA: 3.52/4.00

The University of Akron May 2022 - May 2023
Masters of Science in Applied Mathematics GPA: 4.00/4.00

EXPERIENCE

The University of Akron Aug 2018 - Aug 2021
Academic Tutor Akron, OH

- Assist students with Math, Computer Science, and Statistics.

Burdine-Anderson - quality inspection May 2021 - July 2022
Aerospace Engineer, Internship Burdine, Kentucky

- Working on quality measurement/documentations, first article inspection reports, CMM operation, specification, engineering drawings and material certifications.

The University of Akron Aug 2021 - May 2022
Research Assistant Akron, OH

- Analyze XPCS data to see how the influence of silane coupling agents on filler network structure and stress-induced particle rearrangement in elastomer nanocomposites.

The University of Akron July 2022 - May 2023
Graduate Assistantship Akron, OH

- Instructing Calculus I, II, III.

PROJECTS

SEIR Covid-19 Model Jan 2021 - July 2021
Prof. Alexander P. Hoover, The University of Akron [git.io/Finalreport](https://github.com/alexanderp-hoover/seir-covid-19)

- See the effect duration of Covid-19 and its impact on Summit County.

Web-driven Application Aug 2021 - Dec 2021
Ashok Tamang and Thadeus Hinkle, The University of Akron [git.io/DatabaseProject](https://github.com/ashoktamang/web-driven-application)

- Display Covid-19 Data and its variances, and show which country has the which highest Covid variance cases.

LiteCount Jan 2022 - Apr 2022
Douglas Rudy and Stephan Gunawardana, The University of Akron [litecount-5fba6.web.app](https://github.com/douglasrudy/litecount-5fba6)

- A lightweight inventory management system tailored to small businesses which will allow users and businesses to streamline inventory operations and integrate them within their current point of sale system.

ACHIEVEMENTS

Akron Guarantee Award	Score ACT score higher than 20	2018
Dean Award	GPA higher than 3.5	2019-present
Cum Laude	GPA in range of 3.40 and 3.59	2022

TECHNICAL SKILLS

Programming languages: C++, C, Python, R
ML/AI: Pytorch, Numpy, Pandas, Matplotlib, Tensorflow
Web Technologies: HTML, CSS, Django, JavaScript
Miscellaneous: MySQL, AWS, Git, Shell, \LaTeX , Unity3D

RELEVANT COURSEWORK

Computer Science: Data Structures and Algorithms, Databases Management, Operating Systems, Computer Systems
Mathematics: Advanced Numerical Analysis, Discrete Maths, Methods of Applied Math, Linear Algebra, Combinatorial Mathematics, Real Analysis, Algebraic Topology, Advanced Numerical Solution Partial Different Equation, Optimization

POSITIONS OF RESPONSIBILITY

Member, ACM: 2018 - 2020
Work done

President, SIAM: 2018 - 2019
Work done
