

TOM NGUYEN

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EDUCATION

Phillip O. Berry Academy of Technology
Academy of Technology & Information Sciences
Class of 2016, Charlotte, North Carolina

The University of North Carolina at Chapel Hill
Computer Science, B.A.
Class of 2021, Chapel Hill, North Carolina

PROFESSIONAL EXPERIENCE

Residential Computing Consultant
UNC-CH Information Technology Services
August 2017 - March 2019, Chapel Hill, North Carolina
Provided on-campus residents and staff with IT support and maintained digital equipment throughout the UNC residential communities. Managed a group of student employees as a senior consultant.

Makerspace Program Assistant
UNC-CH Applied Physical Sciences
September 2017 - March 2019, Chapel Hill, North Carolina
Provided training to UNC students and staff on how to operate makerspace equipment and machinery. Experience in customer service, education, and digital design & fabrication.

Undergraduate Research Assistant & Software Engineer
UNC-CH Department of Computer Science
May 2021 - December 2021, Chapel Hill, North Carolina
Assisted in designing a world-wide university ranking system by indexing research publications, and prototyped a digital form system for the UNC Health Department of Pathology & Laboratory Medicine. Focus on front-end development in React, server-side rendering in Next.js, OpenAPI endpoint design in Swagger, back-end development in Python, and database management in Neo4j and MongoDB.

TECHNICAL EXPERIENCE

Adobe Creative Cloud
Photoshop, Illustrator, After Effects, and Premiere
8 years of experience

Web Development
HTML, CSS, and JavaScript
7 years of experience

Version Control Systems
Git, GitHub, and GitLab
6 years of experience

General Software Development
Java, Python, SQL, C, MATLAB, and Julia
3 years of experience

OTHER EXPERIENCE

Assistant Art Instructor
Arts & Science Council (ASC)
October 2011 - May 2016, Charlotte, North Carolina
Assisted in providing free multimedia arts training and education to high school students as part of Charlotte ASC's STUDIO 345 after school youth program. Extensive experience in technical education and Adobe Creative Cloud suite of software.

Technology Volunteer
Kramden Institute
October 2017, Durham, North Carolina
Volunteered as part of ResNET to collect, sort, refurbish, and rebuild donated computers for families with limited access to technology at home.

Web Developer Intern
UNC-CH Kenan Flagler Business School
January 2019 - March 2019, Chapel Hill, North Carolina
Maintained websites for the school's various Entrepreneurship Center projects. Responsibilities included injecting custom code and enforcing uniform styling across WordPress, Squarespace, and Wix content management systems.

ACHIEVEMENTS & HONORS

National & Technical Honor Society
Phillip O. Berry Academy of Technology
2014, Charlotte, North Carolina
For outstanding performance in STEM academy classes and general academic excellence.

Lenovo Scholar Awards
Lenovo Scholar Network
2015, Anaheim, California & 2016, Orlando, Florida
For achievements in student mobile app development. One of three teams chosen nationally to attend NAF Next 2015 and 2016 conferences in Anaheim, CA, and Orlando, FL respectively.

Blue Diamond Award for Student Innovator
IT-oLogy
2016, Charlotte, North Carolina
For student achievement in technology in the Charlotte region. Sponsored by the SC-based nonprofit organization IT-oLogy, the award was given in recognition of success in developing mobile apps for high school students.

Fall 2021 Dean's List
UNC-CH College of Arts & Sciences
2021, Chapel Hill, North Carolina
A minimum of a 3.500 semester grade point with no grade lower than a C if enrolled in at least 12 hours of letter-grade credit, exclusive of physical education activities courses.