

Permanent Address:

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Tiffany Nguyen

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Current Address:

1000 E. Fifth Street
College Hill Suites, Rm 428
Greenville, NC 27858

EDUCATION:

BS, Computer Science with a Minor in Neuroscience, East Carolina University, Greenville, NC

Expected Graduation: May 2020, **Current GPA:** 3.932

HONORS AND AWARDS:

- **NCSU DiamondHacks Most Creative Award**, 2017
- **Phi Kappa Phi Outstanding First Year Student Award Recipient**, 2016 - 2017
- **Dean's List**, Spring 2017
- **EC Scholars and ECU Honors College**, 2016 – 2020

SKILLS:

- **Programming Languages:**
Proficient in: Java, C++, C#, Visual Basic
Some experience with: Swift, Python, CFML, PHP, SQL, HTML, CSS, Scratch, Alice
- **Development Tools:** Eclipse, XCode, Windows Visual Studio, Android Studio, Coldfusion, MITAppInventor2
- **Grant/Proposal Writing:** Co-authored the 2016 Google igniteCS proposal for the ECU Computer Science Department

PROFESSIONAL EXPERIENCE:

ECU ITCS, Greenville, NC

Aug '17 - Present

Banner 9 Task Force Member

Provides feedback on the proposed changes and input on ways to make Banner and PiratePort, the university's technology base for students, better.

- Serves as the student technology consultant for the task force.

ECU Department of Computer Science, Greenville, NC

July '17 - Present

Undergraduate Researcher

Participates in two different research projects within the ECU Department of Computer Science

- Conducts research on the use of Recurrent Neural Networks, specifically Long Short-Term Memory Networks, in the prediction of elements in integer sequences and their implementation in Python.
- Conducts research on educational methods utilized in modern computer science curricula in order to develop ground-breaking techniques that will increase interest in the field, retention rates, student diversity, and career readiness.

MATCH Wellness, Greenville, NC

Oct '16 – Oct '17

Mobile Application Development Intern

MATCH Wellness creates an interdisciplinary curriculum that empowers adolescents to make healthy choices.

- Developed iOS and Android mobile applications for use by MATCH Wellness students as the sole developer on the project.
- Managed full-stack development responsibilities.

LEADERSHIP EXPERIENCE:

ECU Spark, Greenville, NC

Jun '17 - Present

Head of Sparker Experience

Member of a board of students arranging ECU's first annual hackathon this November. The event will bring together local companies, entrepreneurs, students, professionals, and anyone interested in technology.

- Coordinates all aspects of the event regarding participants including activities, workshops, extrinsic motivation for full participation and engagement, and general management over the event's logistics.

Dean's Student Advisory Council for the College of Engineering and Technology, Greenville, NC

Jan '17 - Present

Co-President

Council of ten students who advise the dean on various topics impacting students and their educational and social experiences within the College of Engineering and Technology.

- Serves as a college ambassador and representative of students in the Computer Science Department.

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Women in Computer Science ECU, Greenville, NC

Jan '17 – Present

Founder and President

The WiCS mission is to foster a diverse community in the technology field by providing women in computer science at East Carolina University with a network of support, educating younger students in CS, reaching out to prospective students, and promoting occupational, academic, and extracurricular opportunities in the technology field.

- Conducts meetings, organizes outreach and social events, and hosts speakers.

Google igniteCS, Greenville, NC

Oct '16 – Present

Mentor

Google igniteCS provides funding and resources for selected groups of college and university students to make a difference in their local communities through computer science mentorship.

- Develops and implements educational computer science programs for high school students in NC.
- Works to promote interest and diversity in technology around the community.

Association of Computing Machinery ECU, Greenville, NC

Oct '16 - Present

Vice-Chair

Makes connections in the computer science department and industry and takes an active role in the community through technology-based outreach programs and local events.

- Plans and organizes outreach and social events surrounding technology for members.

PROJECTS:**HackNC, Chapel Hill, NC**

Oct '16

Participant

HackNC is a 24-hour hackathon at UNC-CH in which participants compete in app development.

- Formed a team and developed an application called OneStep which alerts caretakers if a loved one has been immobile for a prolonged period of time. The app also sends the location of the person in question and alerts emergency services if the caretaker does not respond.
- Intended for use by people with medical concerns in order to introduce increased independence into a patient's life while still maintaining a level of safety and security.

DiamondHacks, Raleigh, NC

Apr '16, Sept '17

Participant

DiamondHacks is a 24-hour hackathon at NCSU for women in computer science featuring app development and mentoring from companies around the RTP area.

- Constructed an app using Android Studio intended for use by hearing and visually impaired people which translates speech to Morse code vibrations.
- Constructed an app which allows solo-diners to pair and match with others eating alone in their area.

INTERESTS/HOBBIES:

- **Piano and Music Related Activities**
- **Basketball and Other Intramural Sports**
- **Community Service/Church Ministry**