

Permanent Address:

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Tiffany Nguyen

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Current Address:

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

EDUCATION:

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

Expected Graduation: May 2020, **Current GPA:** 3.875

HONORS AND AWARDS:

- **CRA-W Research Scholar**, 2017
- **NCSU DiamondHacks Most Creative Award**, 2017
- **Phi Kappa Phi Outstanding First Year Student Award Recipient**, 2016 - 2017
- **EC Scholars and ECU Honors College**, 2016 – 2020

SKILLS:

- **Programming Languages:**
Proficient in: Java, Python, C, C++, C#
Some experience with: Swift, HTML, CSS, JavaScript, XML, PHP, SQL, Visual Basic, CFML, Scratch, Alice
- **Development Tools:** Eclipse, XCode, Windows Visual Studio, Android Studio, Coldfusion

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 the PPSE research project within the ECU Department of Computer Science

- Conducts research on the use of machine learning 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

Co-Founder, Head of Sparker Experience

Started ECU's first biannual hackathon. The event brings together local companies, entrepreneurs, students, professionals, and anyone interested in technology and innovation.

- 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.

- Organizes regular meetings with the council, community outreach events, speaker panels, and other activities for students.
- Serves as a representative for students in the Computer Science Department.

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Women in Computer Science ECU, Greenville, NC

Jan '17 – Present

Founder, 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.

- Serves as a mentor for students in the Girls Who Code Club at Pitt County Schools Early College High School.
- Conducts meetings, organizes outreach and social events, and hosts speakers.

Google igniteCS, Greenville, NC

Oct '16 – Jun '17

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.
- Hosts interview prep, mobile development, and other general tech workshops for members.

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

Oct '16, Nov '17

OneStep, Find My Food

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.
- OneStep is 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.
- Developed a mobile app called Find My Food that utilizes Yelp's API to help users narrow down their cravings to a customized selection of restaurants when they aren't sure what they want to eat.

DiamondHacks, Raleigh, NC

Apr '16, Sept '17

Dot Dot Dash, Dinder

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 called Dot Dot Dash using Android Studio that is intended for use by hearing and visually impaired people. The app uses Google's API to translate speech to Morse code vibrations.
- Worked with a team to develop an app called Dinder 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**