Victoria Linh Nguyen

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Education

- **The University of Texas at Austin** *August 2018 - present*
  - B.S., Computer Science
  - Courses: Data Structures, Comp. Architecture, Discrete Mathematics, Calculus II

- **Richardson High School** *August 2014 - June 2018*
  - AP Courses: Computer Science A, CS Principles, BC Calculus, Statistics, Biology, Chemistry, Physics C

Skills

- **Programming Languages:** Java (Proficient), LaTeX (Intermediate), JavaScript (Beginner), C++ (Beginner)

- **Developer Tools:** Linux, Git, VSCode, Photoshop

- **Natural Languages:** Vietnamese (Proficient), Japanese (Intermediate)

Work experience

- **State Farm** *IT Systems Intern, Summers 2017 / 2018*
  - Solved defects for Business Lines Modernization effort using proprietary software such as Gosu.
  - Wrote software documentation for agent use. Automated regression tests for policy coverages using an XML-based testing framework.
  - Explored and demoed internal Boost framework based on Selenium WebDriver to optimize test automation efficiency.

- **HackDFW** *Event Activation Coordinator, April 2017 - August 2018*
  - Coordinated presence and involvement in outside events such as university hackathons and corporate events (Hacktober, MD5 Hackathon, HackTX, and more).
  - On-site leadership at events such as XBuild and EarthxHack.
  - Budgeted collateral items for each season in the form of stickers, flash drives, and more.

Awards

- **USACO Platinum Division** (January 2017 - present, pre-collegiate competitive programming)

- **1st Spring Programming Contest** (May 2017, ACM-style contest hosted by The University of Texas at Dallas)

- **1st Place Code Wars Advanced** (March 2017, out of 500 teams in Texas; hosted by Hewlett Packard Enterprise)

- **1st Place Regional Japanese Speech** (February 2017, qualified for state at Rice University)

- **NCWIT Aspirations Runner-up in DFW** (2017, demonstrated strong aspirations in computing as a woman)

- **College Prep Scholar** (2017, demonstrated high academic achievement in spite of socioeconomic disadvantages)

Projects

- **Helper Bot**   2018
    - Integrated Google Cloud Speech-to-Text API with Python to enable voice commands.
    - Incorporated Raspberry Pi with mechanical components using soldering to give bot locomotion.
    - Presented at the Texas Library Association Annual Conference in 2018 to inspire computer science educators.

- **Digital Divas**   2017
    - Coordinated sponsorship team to obtain funding for an educational Computer Science event targeted towards high school girls and below.
    - Wrote competitive programming problems for packets at all levels.
    - Designed event brochures, posters, and name badges.

Other activities

- Problem-writer, UT ACM contests (2018)

- Member, UT Women in Computer Science (2018)

- Student Panel, UTeach CS (June 2017, invited to provide insight on CS education as a minority)