

# Hannah Nguyen

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## Education:

### **University of Tulsa**

August 2023 – May 2027

Major: Computer Science & Electrical Engineering, Minor: Math

GPA: 4.0

Relevant Coursework: Calculus 3, Rfre, Digital Systems Principles, Algorithms, Discrete Math

### **Union High School**

August 2019 – May 2023

High School Diploma

Class Rank: 12 / 1073      GPA: 4.927

Relevant Coursework: AP Computer Science Principles, Pre-AP Chemistry, AP Calculus BC, Principles of Engineering, AP Language and Composition, AP Literature and Composition, Band, AP Physics 1, Cybersecurity, AP Statistics

### **Tulsa Tech Lemley Campus**

August 2021 – May 2022

Relevant Coursework: Computer Integrated Manufacturing, AP CSA

## Skills & Abilities:

Java, English, Vietnamese, Microsoft Office 365, AutoDesk (Fusion 360 & Inventor), Windows 11, Windows 10, Visual Studio Code, Piano, HTML, CSS, MATLAB (Simscape), KiCAD, Python, Lua, RobotC, STM32, Hercules, Linux, Ubuntu, Soldering, GNU Radio Companion, Universal Radio Hacker, Proxmox 3

## Awards & Honors:

AP Scholar with Distinction, TU Presidential Scholar, Oklahoma Academic Scholar, Salutatorian, Tulsa Engineering Scholarship, AP Scholar, FTC State Championship Control Award Sponsored by ARM, INC., FTC Oklahoma East League Innovate, Award Sponsored by Raytheon Technologies, FTC Oklahoma East League Control Award Sponsored by ARM, INC., FTC Oklahoma Muskogee Qualifier Collins Aerospace Innovate Award, 1+ BAMTA Piano competitions x4

## Leadership & Activities:

### **University of Tulsa**

Chess Club, Root66Tulsa Cyber Club, IEEE, JOLT Creativity Club, Combat Robotics, Women in Cybersecurity (WiCys), Women in Engineering and Natural Sciences, Vietnamese Student Association

### **Union High School**

#### **Marching Band & Indoor Percussion**

Member/Drumline Section Leader

August 2022 – May 2023

- Assisted with

#### **FIRST Robotics Competition and FIRST Tech Challenge**

Lead Programmer

August 2018 – May 2023

- Managed the programming team and learned how to incorporate odometry into Roadrunner.  
Mentor: John "Ethan" Brown (918-812-5725)

#### **Ping Pong Club**

Vice President

August 2022 – May 2022

- Taught younger students to play ping pong.

#### **National Honors Society (NHS)**

Member

August 2019 – May 2023

- Over 120 hours of community service

## Experience:

### **Union High School**

August 2022 – May 2023

IT Intern

- Assisted IT manager by troubleshooting and repairing laptops.

### **University of Tulsa**

Summer 2021

Part Time Research Intern (TURC JR)

- Redesigned PCBs with KiCAD to fit certain dimensions and parameters.
- Explored networks and servers using STMicroelectronics and Hercules  
Sponsor: Dr. Nathan Hutchins (918-631-3256)