**OBJECTIVE: Seeking software engineering internship for Summer 2020**

**EDUCATION**

**The University of Texas at Austin May 2023**

* Bachelor of Science, Electrical and Computer Engineering

**Carroll Senior High School May 2019**

* GPA 4.097 [Summa Cum Laude] | SAT: 1540

**EXPERIENCE**

**Freelance Website Developer July 2018 – Present**

* URL of website designs: verdantleaf.org, carrollorchestra.org, moroninc.com
* Current project: piskyline.com – improve user experience and interface of real estate company website
* Pitched ideas to clients, bought domains, negotiated pricing, used Wordpress or started from scratch

**Assistant Teacher, MS Wu Academy June 2019 – July 2019**

* Taught English to classes of 40 to 70 middle and high school students in Wenling, China
* Created and conducted lectures, graded papers

**President/Co-Founder, Science Research Association August 2018 – June 2019**

* Spearheaded the Carroll ISD district science fair; Made STEM presentations at local businesses
* Worked as a club to design and 3D-print name tags for senior citizens and Christmas ornaments for families
* Led club meetings and taught members Autodesk Inventor

**Researcher, Governor’s Science and Technology Champions Academy (GSTCA) June 2018**

* Full scholarship to attend residential summer camp at SMU and conduct electrical engineering research
* Mentor: Associate Professor Jennifer Dworak
* Developed a system to protect hardware from intruders using FPGAs, Verilog, and locking segment insertion bits (LSIBs); hacked different circuit boards

**Researcher, Bioengineering Department at UT Arlington June 2017 – March 2018**

* Research Title: 3D Printed Bone Scaffold
* Mentor: Professor Liping Tang
* Assisted in lab work, optimized bone scaffold design through porosity and mechanical strength balancing

**SKILLS**

**Programming Languages** – Proficient in HTML5, JavaScript, CSS, Java, Verilog. Experienced with particles.js, anime.js, and jQuery. Currently learning React Native.

**3D Computer-Aided Design (CAD) Software** – SolidWorks, Autodesk Inventor

**Completed Online Courses**

* Coursera: “Neural Networks and Deep Learning”
* Codecademy: “Learn Python”, “Learn HTML”, “Learn JavaScript”

**ACCOMPLISHMENTS**

Texas State Science and Engineering Fair (Category: Biomedical Engineering)

* 2nd Place Award

Miles Foundation Discovery Opportunity Award

* $1000 research grant

Texas Music Education Association (TMEA) All-Region Band: Wind Ensemble (1st)

1st Place US Youth Soccer Region III (South) Presidents Cup