

Allen Zhou

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OBJECTIVE: Seeking software engineering internship for summer 2020

EDUCATION

The University of Texas at Austin	May 2023
<ul style="list-style-type: none">Bachelor of Science, Electrical and Computer Engineering	
Carroll Senior High School	May 2019
<ul style="list-style-type: none">GPA 4.097 [Summa Cum Laude] SAT: 1540	

EXPERIENCE

Freelance Website Developer	July 2018 – Present
<ul style="list-style-type: none">Current project: piskylines.com<ul style="list-style-type: none">Working with a \$600 budget to improve user experience and interface of a real estate company's websitePitched ideas to clients, bought domains, negotiated pricing, incorporated Wordpress or started from scratch	
Assistant Teacher, MS Wu Academy	June 2019 – July 2019
<ul style="list-style-type: none">Taught English to classes of 40 to 70 middle and high school students in Wenling, ChinaCreated and conducted lectures, graded papers	
Researcher, Bioengineering Department at UT Arlington	June 2017 – March 2018
<ul style="list-style-type: none">Research Title: 3D Printed Bone Scaffold - Mentor: Professor Liping Tang3D modeled femur and scaffold designs with SolidWorks; Ran SolidWorks simulation studies for stress and strain testing; Optimized bone scaffold design through porosity and mechanical strength balancing	

PROJECTS

IOS Master Calendar	September 2019 - Present
<ul style="list-style-type: none">Working with one other team member to solve the problem of college club information aggregationUtilizing: Swift and Balsamiq	
Astrophysics Website – https://apalebluedot.world/	February 2019 – April 2019
<ul style="list-style-type: none">Created a website, titled "A Pale Blue Dot", focused on sharing my appreciation for astrophysics and astronomyUtilized: HTML5, CSS, Javascript, horizontal scrolling, particles.js, anime.js	
Article Publishing Platform – https://verdantleaf.org/	August 2018 – February 2019
<ul style="list-style-type: none">Our team of 3 created the <i>Verdant Leaf</i> which published 30+ articles and received 3000+ pageviewsUtilized: HTML5, CSS, Javascript, anime.js	

SKILLS

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

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 Science and Engineering Fair (Category: Biomedical Engineering)

- 2nd Place in Category Award (Senior Division)

Miles Foundation Discovery Opportunity Award

- \$1000 research grant

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