

RYAN PARAPPURAM

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EDUCATION

The University of Texas at Austin	May 2024
<ul style="list-style-type: none">Bachelor of Science in Computer ScienceBusiness MinorCumulative GPA: 3.85	
Cypress Woods High School, Valedictorian	May 2021
National Merit Scholar	May 2021
Texas Exes Houston Chapter Scholarship Recipient	May 2021

SKILLS

Proficient:	Java	Python	C	HTML	Eclipse IDE	Microsoft Office			
Familiar:	React	PHP	C++	SQL	Go	Linux	Android Studio	Unity	
Certifications:	Oracle Certified Associate, <i>Java SE 8 Programmer</i> Microsoft Office, <i>Certified Specialist</i>								May 2021 2016

EXPERIENCE

Nordstrom, Seattle, WA	June 2022
<i>Incoming Software Engineering Intern</i>	
Cornerstone	February 2022 - May 2022
<i>Software Engineer</i>	
<ul style="list-style-type: none">Converted mobile app to stylish website using React Native and verified full functionalityDeveloped automatic PDF generation for construction bid requests and line item orders	
Kumon, Cypress, TX	May 2020 - August 2021
<i>Tutor</i>	
<ul style="list-style-type: none">Virtually tutored students 1-on-1 in K-12 reading and mathematicsDifferentiated instruction through questioning and scaffolding	
ConstructConnect, The Woodlands, TX	July 2019 – August 2019
<i>Programming Intern</i>	
<ul style="list-style-type: none">Designed an open-source website & login forms in JavaScript using ReactJSPerformed product testing across Windows 7, Windows 10, and Linux through tests in Excel and AccessLocally hosted a user profile database in Google Cloud Platform using Cloud Shell	

PROJECTS

Huffman Zip File Software	December 2021
<ul style="list-style-type: none">Built a zip file software using binary trees, priority queues, and hash maps to compress and decompress filesZipped and unzipped files using the standard Huffman lossless data compression algorithm	
Social Security Administration Name Analysis	November 2021
<ul style="list-style-type: none">Read in and analyzed data from the SSA on the 1000 most popular baby names every decade since 1900Used concepts such as abstraction, decomposition, and basic GUI menu controls to display data	
Computer Science AP Projects	August 2019– May 2021
<ul style="list-style-type: none">Advanced Division Competitive Programming 3rd Place – James E. Taylor High SchoolVarious projects including Falling Sand Game, Kaleidoscope Envisioner, Pac-Man, PHP & HTML websitesLearned data structures such as recursion, matrices, LinkedLists, Binary Search Trees, and Graphs	

CAMPUS INVOLVEMENT

Momentum, Austin, TX	February 2022 – May 2022
<i>Engineer</i>	
<ul style="list-style-type: none">Presented pitches and stand up meetings for tech-related startup companies to local investorsNetworked with over 100 members and established knowledge of accelerator communities	
San Jacinto Residence Hall Council, Austin, TX	September 2021 – May 2022
<i>Treasurer</i>	
<ul style="list-style-type: none">Commanded a \$5,000 budget over two semesters to fund biweekly social events for ~500 peer residentsNegotiated additional spending power with the University Housing & Dining Executive Board	