RYAN PARAPPURAM

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EDUCATION

The University of Texas at Austin **December 2024**
- Bachelor of Science in Computer Science
- Business Minor
- Cumulative GPA: 3.89

Cypress Woods High School, *Valedictorian* **May 2021**
National Merit Scholar **May 2021**
Texas Exes Houston Chapter Scholarship Recipient **May 2021**

SKILLS

Proficient:	Java	Javascript	React	HTML/CSS	C	
Familiar:	Python	Spring Boot	PHP	SQL	C++	AWS Go

Certifications: Oracle Certified Associate *Java SE 8 Programmer*, Microsoft Office *Certified Specialist*

EXPERIENCE

Nordstrom, Seattle, WA **June 2022 - August 2022**
Software Engineering Intern
- Created full-stack app to look up and creatively display changes in recorded product data for retail partners
- Designed UI with ReactJS and Redux Toolkit, used Google Charts Timelines and AG Grid to display data
- Built backend REST API with Java Spring Boot to query AWS S3 data lakes using Amazon Athena
- Collaborated in an agile manner with a cross-functional team, participated in 100% of daily stand-ups

Cornerstone **February 2022 - May 2022**
Software Engineer
- Developed automatic PDF generation for construction bid requests and line item orders
- Integrated electronic signature functionality on mobile app using DocuSign eSignature REST API
- Converted mobile app to stylish website using React Native and verified full functionality

ConstructConnect, The Woodlands, TX **July 2019 – August 2019**
Programming Intern
- Designed an open-source website and login forms in JavaScript using ReactJS
- Performed product testing across Windows 7, Windows 10, and Linux through tests in Excel and Access
- Locally hosted a user profile database in Google Cloud Platform using Cloud Shell

PROJECTS

ReactJS Projects **May 2022 – July 2022**
- Built a task tracker app using React Hooks, assembled local database with mock REST API using JSON Server tool
- Engineered a full-stack Twitter clone with Material UI React Component Library and Google Firebase on backend
- Designed basic HTML page to add and display blog posts, used Fetch API and Redux Toolkit to manage state

Huffman Zip File Software **December 2021**
- Built a zip file software using binary trees, priority queues, and hash maps to compress and decompress files
- Zipped and unzipped files using the standard Huffman lossless data compression algorithm

Social Security Administration Name Analysis **November 2021**
- Read in and analyzed data from the SSA on the 1000 most popular baby names every decade since 1900
- Used concepts such as abstraction, decomposition, and basic GUI menu controls to display data

CAMPUS INVOLVEMENT

Momentum, Austin, TX **February 2022 – Present**
Engineer
- Presented pitches and stand-up meetings for tech-related startup companies to local investors
- Networked with over 100 members and established knowledge of accelerator communities

San Jacinto Residence Hall Council, Austin, TX **September 2021 – May 2022**
Treasurer
- Commanded a $5,000 budget over two semesters to fund biweekly social events for ~500 peer residents
- Negotiated additional spending power with the University Housing and Dining Executive Board