

NATHANIEL RUIZ

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EDUCATION

The University of Texas at Austin, Austin, TX August 2020 - May 2025 (expected)

Bachelor of Science, Computer Science

- Minor in Business
- Relevant Coursework: Principles of Computer Systems, Matrices, Foundations of Info Tech Management

Veterans Memorial Early College High School, Brownsville, TX August 2016 - May 2020

- GPA: Weighted 5.52 / Unweighted 3.81
- Class Rank: 3 of 498
- Honors/Awards: AP Scholar with Distinction, National Hispanic Scholar, Rotary Science Recognition

SKILLS

Technical /Computer Skills: Intermediate Java, Intermediate C, Advanced Excel, Basic HTML, Basic CSS

Languages: Conversational Spanish

EXPERIENCE

H-E-B Bakery, Austin, TX August 2022 – January 2023

Service Representative

- Partner with coworkers to facilitate an efficient and satisfactory experience for customers
- Cultivate customer service and self-management skills in a wide array of bakery stations

Information & Systems Security Society, Austin, TX August 2021 - Present

Club Member

- Compete in university cybersecurity competitions to build community and learn new skills
- Expand knowledge of various cybersecurity disciplines by attending student led workshops

Rio Grande Valley Lead, Brownsville, Texas April 2019 - May 2020

Student Ambassador

- Guided parents, prospective students, and other guests around campus and into classroom viewings
- Attended ambassador sessions to build collaboration, communication, and leadership skills

Technology Student Association, Brownsville, Texas August 2016 - May 2020

Vice President

- Established weekly club meetings to make group decisions and create a sense of community
- Coordinated weekend project workshops prior to competitions
- Achieved 1st place every year for the Systems Control Technology category on the regional level

PROJECTS

Pintos Virtual Memory March - April 2024

- Collaborated with 3 peers using pair programming to develop an operating system virtual memory system

Pintos User Programs March 2024

- Designed and developed system calls to allow user programs to interact with an operating system in C

Malloc Lab March 2023

- Implemented malloc and free functions from scratch to better understand memory management in C

Bomb Lab March 2022

- Analyzed the assembly code of a program to “defuse a bomb” and better understand its structure