

Byung Jong Min

mbyungjong@gmail.com | (512) 203-4519

711 Church Avenue, Apt. 531

College Station, TX, 77840

EDUCATION

Texas A&M University, College Station TX, Expected Graduation: Dec 2024

Bachelor of Science in Computer Science

Minor in Mathematics

GPA: 3.5

PROJECTS

Digital Y86 64 bit CPU (Logisim)

Used digital circuitry to design memory & control flow units to work together with I/O systems to create a CPU that could read and store values in memory and perform basic ALU operations. Applied developmental skills such as maintaining consistent design structure and through testing. Practiced team skills included assigning partitions of the design, clear communication between members, and time management. These were critical to the understanding and confidence between members to construct their part of the CPU in ensuring the integration of parts between each stage would be smooth.

EXPERIENCE

High Performance Computing (HPC) Laboratory - Microarchitecture Security

Principal Investigator: Eun Jung Kim, PhD

Partook in meetings with the HPC Lab at Texas A&M to obtain experience of the research environment. Observed discussions between the professor and PhD students. Delved into the topics of finding and mitigating security problems in computer microarchitecture. Explored GPU memory safety methods such as REST and shadow memory while understanding Spectre & Meltdown vulnerabilities.

TECHNICAL SKILLS

Experienced with Java, C++, Python, HTML, CSS, Javascript

HONORS & AWARDS

Texas Aggie Scholarship, 2021 - 2022