AIMAN PRIESTER

+1(630)822-5825 ⬦ aimanpriester@gmail.com ⬦ www.aimanpriester.com

SUMMARY

Senior in Computer Engineering enrolled in the Concurrent Masters' program at Iowa State University. Proven problem solving and leadership skills by positions within the Computer Engineering Department. Seeking a Embedded Systems internship with a company I can apply my technical skills, eagerness to learn and passion for hardware-level designs and systems.

EDUCATION

M.Eng. Computer Engineering, Iowa State University   Expected 2022

B.S. Computer Engineering, Iowa State University   Expected 2021
CGPA: 3.2/4.0
Affiliations: IEEE, Kuwaiti Students Association, Robotics Club

EXPERIENCE

Teaching Assistant   Aug 2020 - Present
CprE431: Information System Security   *Ames, IA*

- Led a class of 110 students over the internet and across time zones
- Assisted the transition to an online platform due to COVID19
- Continuously develop new potential labs for future semesters

Teaching Assistant   May 2019 - Dec 2019
CprE288: Embedded Systems I   *Ames, IA*

- Led a class of 72 students across 3 laboratory sections
- Taught using effective learning skills which led to a 8 point deviation from the class average across all other sections
- Assisted the transition to a new homework platform, PrairieLearn

PROJECTS

(Ongoing) Verilog Conversion for the i281 Processor Re-engineering a processor from the ground up that was specifically developed for a class at Iowa State

MIPS Processor Designed and developed a 4 stage pipelined MIPS processor using VHDL

TEA Encryption on an FPGA Programmed an Altera DE2-115 FPGA to perform encryption and decryption via the Tiny Encryption Algorithms

SKILLS

Languages	Verilog, SystemVerilog, VHDL, C, C++
Soft Skills	Leadership, Adaptability, Problem-Solving, Flexibility

AWARDS AND HONORS

- Department of Electrical and Computer Engineering Dean's List.
- Honors: Program of Study Award

LEADERSHIP

- Vice President, Kuwaiti Students Association
- Treasurer, Institute of Electrical and Electronics Engineers, Iowa State Chapter