

Home Residence:
444 Main ST
Anytown, US 55555

Aaron Price
Rosestudent@gmail.com
(888) 888-8888

Current Address:
5500 Wabash Ave.
Terre Haute, IN 47803

Summary: Seeking a position in Electrical Engineering and/or Computer Science.

Education:

Bachelor of Science, Electrical Engineering & Computer Science
Rose-Hulman Institute of Technology – Terre Haute, IN

May 2019
GPA 3.25

Relevant Courses:

Introduction to Digital & Embedded Systems, Computer Architecture I & II, Data Structures & Algorithm Analysis, Continuous & Discrete Time Signals & Systems, Analog Electronics, Communication Systems, Linear Control Systems, Electromagnetic Fields & Waves, Software Requirements Engineering, CUDA Programming, Operating Systems, Computer Vision, Artificial Intelligence, Modeling of Technical Systems

Skills:

Software: Designed projects/tests in LabVIEW, TestStand, ISE Design Suite, and DesignSpark PCB. Proficient in Matlab and PSpice

Projects:

- Power Amplifier for 5G Mobile Handset – Terre Haute, IN Sep 2018 – Present
- Design a power amplifier that can properly amplify 3G/4G/5G LTE waveforms
 - Nominated as project team leader and taking lead in organizing meetings, reviewing documents, assigning tasks, providing direction, timeline and guidance
 - Present design reviews, simulation results, or measurements from hardware implementation at the end of each stage
- CUDA Research Project – Terre Haute, IN Mar – May, 2018
- Created a single layer handwritten digit recognition neural network in C and CUDA
 - Researched the benefits and disadvantages of implementing neural networks in CUDA compared to C
- Processor Project – Terre Haute, IN Jan – Feb, 2017
- Designed the processor with a 25 MHz cycle time to successfully run Euclid’s algorithm within milliseconds for large numbers.
 - Designed the datapath, control, and instruction set, and implemented them using Xilinx ISE Design Suite.
 - Generated 42 pages of documentation detailing the workings and design choices of the processor as deliverable.

Internships: Jun – Aug, 2018

- NSWC Crane – Crane, IN
- Started and led the process of overhauling the testing software on AEGIS microwave tube test sets
 - Created the framework for gathering and documenting software requirements
 - Assisted engineers with maintaining and calibrating various test sets
- Rose-Hulman Ventures Intern – Terre Haute, IN Jun – Nov, 2017
- Collaborated on a project with Rockwell Collins to develop a custom testing station for their products.
 - Created and documented over 100 new system level tests based on old testing documents.
 - Implemented tests by integrating hardware and software using LabVIEW and TestStand.