

# ARIB AHMED

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## Education:

University of California, Santa Cruz (UCSC) Santa Cruz, California

*Bachelor of Arts: Network and Digital Technology (9/18 - 12/20)*

## Projects:

Rainbow Road:

- Used verilog to create a similar game to mario kart's infamous level, rainbow road. Developing this game took knowledge of logic gates, combinational flip flops, state machines, and FPGA vga output.

Battleboats:

- Developed the entire game of BattleBoats on an FPGA board. Required an immense study of C's pointers, state machines, and the FPGA Oled display.

Caesar Cipher:

- Developed a caesar cipher entirely in Assembly, with some aspects of machine language.

## Work Experience:

Wireless Tech Support Intern | Underwriters Laboratories (6/20 - 9/20):

- Evaluated test performance and sampled operation to properly evaluate test results.
- Recorded and explained test results and completed test reports for Engineering staff.
- Communicated with customers during setup and operation to ensure proper evaluation.

Conference Services Intern | University of California, Santa Cruz (6/19 - 9/19):

- Worked as a front desk customer service representative for the university
- Coded key cards for rooms using software programming.
- Frequently worked as tech support to fix technology around the office.

Programming Bootcamp | University of California, Berkeley (7/18):

- A three day programming bootcamp to improve my skills in top level language.

IT Intern | Silicon Valley Education Foundation (6/16 - 8/16):

- Worked as a summer intern for the nonprofit company.
- Frequently worked jobs with the IT manager for experience.
- Increased knowledge of office and work life.

## Skills:

- Highly Experienced with Windows OS
- Computer Building Experience
- Coding Experience:
  - C, Python, Assembly, Verilog, Java, some experience in Machine Language
- Electrical Engineering:
  - Breadboards, millimeters, oscilloscopes, signal generators, etc.
- Video Editing(Adobe Premiere) / Photo Editing(Adobe Photoshop)
- Experience in IT Tech Support
- Google Slides, Sheets, Docs