

# Mike Ajazi

## Contact

Email: michaelajazi@gmail.com

Phone: 828-303-9581

## EDUCATION:

**The University of North Carolina at Charlotte, Charlotte, NC**

**Fall 2019**

***Bachelor of Science in Computer Engineering***

Related Coursework: Electronics, Advanced Embedded Systems, Computer Organization, Robotics, Digital Signal Processing, System Design, Instrumentation and Networks Laboratory

## SKILLS:

**Electronics:** Circuit Analysis, Semiconductors, RF, Soldering, PCB Design, Testing

**Programming:** Python, C#, C++, C, HTML/CSS, LabView, SQL

**Software:** Visual Studio, Cadence PSpice, Autodesk Eagle, Apache2 Server, Microsoft Office

**Systems:** Windows, Linux, Mac OS

**Tools:** Git, Oscilloscopes, Power Supplies, Current Sensors, Spectrum Analyzers, Signal Generators

**Soft Skills:** Hardworking, Leadership, Communication, Learner

## WORK EXPERIENCE:

**Microsoft (Protingent Inc. Contract)**

**Morrisville, NC**

***Lab Engineer***

**March. 2022 – Current**

- Efficiently manage Morrisville NC site labs (6 total, 6,485 square feet)
- Lab related purchasing and procurement
- FPGA Rack Builds
- Bench level PCB debugging
- Custom automation lab equipment control scripts in Python

**Actalent**

**Cary, NC**

***Hardware Design Engineer and Lab Manager***

**Nov. 2020 – Apr. 2022**

- Successfully designed and built a semiconductor lithography tester
- Lead LabVIEW programmer on project
- Created/creating engineering lab from scratch

**Autonetics**

**Cary, NC**

***Embedded Systems Engineer***

**Feb. 2020 – Nov. 2020**

- Developed embedded C code for data gathering and automation with PIC micro-controllers
- R&D, robotics, SMD soldering, and signal processing
- Programming with C#, VB.Net and Python
- HMI design

**TE Connectivity**

**Winston Salem, NC**

***Test Engineering Technician***

**Oct. 2019 – Feb. 2020**

- Tested RF components (VSWR, Attenuation, Withstanding, etc.)
- Extensive scheduling of tests according to USCAR and other specifications
- Collaboration with customers for unique tests
- Developed C# code for data capture on PXI VNA

**Qorvo Incorporated, Headquarters**

**Greensboro, NC**

***Test Engineering Intern***

**Jun. 2019 – Aug. 2019**

- Learned proper procedures for testing RF components
- Worked with millimeter wave components
- Performed regression testing on systems to insure no faults after code pushes
- Wrote C# code to create drivers for a spectrum analyzer and signal generator for RF component testing