

# Gatlin Cruz

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## EDUCATION

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### Georgia Institute of Technology

Atlanta, GA

Online Master of Science in Computer Science (OMSCS)

Start: Fall 2021

GPA: 4.0

Expected Graduation: Fall 2024

### Western Carolina University

Cullowhee, NC

Bachelor of Science in Computer Science

Graduated: May 15th, 2021

GPA: 3.43 | Dean's List: Fall 2020, Spring 2021

Relevant Coursework: Software Development, Software Engineering, Intro to Computer Organization, Networking, Calculus II, Statistical Methods I, Organization of Programming Languages, Information Security I, Mobile Applications Development, Operating Systems, Database Systems, Discrete Structures

### Southwestern Community College

Sylva, NC

General Education

Fall 2014-Spring 2018

## TECHNICAL SKILLS

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|--------------------------------|----------------------------------|---|
| • Java (Advanced)              | • MIPS32 Assembly (Intermediate) | • Microsoft Office (Word, PowerPoint, Excel)              |
| • Python (Intermediate)        | • GIT (Intermediate)             | • MongoDB (Intermediate)                                  |
| • C (Beginner-Intermediate)    | • Linux (Intermediate)           | • Angular (Intermediate)                                  |
| • Rust (Beginner-Intermediate) | • JavaScript (Intermediate)      | • Experience using Android Studio creating class projects |
|                                | • SQL (Beginner)                 |   |
|                                | • Node JS (Intermediate)         |   |
|                                | • CSS/HTML (Beginner) buy        |   |

## WORK EXPERIENCE

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### Tata Consultancy Services

Charlotte, NC

Software Engineer

August 2021-Current

- Take part in daily standup meetings to get stories assigned to me or discuss progress on current assigned stories
- Fixed code scanner generated issues or justified why no issue is present
- Contribute to UI code structure to update UI to client requirements
- Support for version releases to assist if any issues arise during deployment
- Trained in Core Java, Angular, Node JS and MongoDB
- Created backend applications using Node JS and MongoDB

## **Cherokee Broadband**

*Help Desk Tech Support/Internet Installer*

Cherokee, NC

January 2016-July 2021

- Help setup network routers
- Configure wireless outdoor device with integrated antenna
- Configure indoor home routers
- Answer phone calls and troubleshoot over the phone

## **PROJECTS**

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### **Chessmeister**

- Project built using the Agile Software Development methodology. A semester- long project written in Java. First implemented through the command line interface and then graphically using Java FX

### **Railway project in JavaScript**

- Project completely written in JavaScript using Node.js. This project reads in a JSON file that represents a railway network and gives useful results such as toll routes, number of stops and more.

### **Senior Capstone project**

- Project built using Python3. Used MiniNet (Network Emulator) as a backbone to a web-based GUI. We allowed the user to create and display newly created networks and allowed the user to import .csv files of existing networks. Using these networks, the user could run some of MiniNet's functionality without having to use the CLI.