Christian J. Wade

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## About

A Little About Me

Hello! My name is Christian J. Wade, but please, call me C.J.

I’m a Computer Science graduate with a concentration in software engineering.

I like to work in low-level environments, microcontrollers for instance. The RP2040 being a favorite of mine.

(By the way, the resume you’re reading is either an HTML or PDF file generated from a MARKDOWN source through pandoc.)

## Education

2025 - Continuing

**Master’s of Science, Computer Engineering**

Tarleton State University, Stephenville, TX

2018 - 2023

**Bachelor of Science, Computer Science**

Tarleton State University, Stephenville, TX

*Minor: Mathematics*

## Experience

Sep. 2025 - Continuing

**Graduate Assistant**

* Instructed multiple classes of varied learners
* Facilitated productive learning environment for students
* Communicated learning outcomes with faculty

Jan. 2025 - May 2025

**Computer Science & Electrical Engineering Tutor**

* Assisted students in understanding class material
* Communicated with faculty on student-raised questions
* Managed time while pursuing Master’s degree

Jan. 2024 - May 2024

**R&D Engineer @ Adom Inc**

* Developed internal tools to speed other employees through monotonous workflows
* Worked directly with other employees to add features and improvements to internal tools
* Studied code of KiCad to recreate file formats

Aug. 2023 – Dec. 2023

**Arm Assembly Programming**

* Programmed in Arm Assembly
* Deployed on Texas Instruments *TM4C123GH6PM* microcontroller
* Designated coursework for *Microprocessor System Design* class

Aug. 2019 - Dec. 2023

**Teacher’s Assistant** - Computer Science & Calculus-based Physics

* Communicated with professors & students
* Assisted students struggling with material
* Graded student assignments & assisted professors

May 2019 - Aug. 2019

**Python Physics Researcher**

* Searched astronomical data set for evidence of binary stars
* Operated Python scripts in a Linux environment to convert data set
* Operated Alard’s ISIS Image Subtraction Package to search data set
* Corresponded with mentor daily to progress through data set

## Projects

Jun. 2023 - Continuing

**Bash Automation Scripting**

* Developed Bash scripts for the automatic set up of Linux desktops
* Used to download specified applications
* Delivered preconfigured dot-files into respective directories

Dec. 2021 - Continuing

**Custom Server**

* Assembled a custom virtualization and storage server
* Deployed LXC and Docker containers for the hosting of services
* Constructed low cost server rack from lumber

Dec. 2021

**Printed Circuit Board Design & Manufacturing**

* Designed a custom PCB for a keyboard using KiCad
* Started with little knowledge on the subject
* Manufactured PCB overseas and assembled keyboard at home

## Skills

2018 - Continuing

5+ years experience in computer science-related fields

* Languages: C, Rust, Arm Assembly, Python, HTML, Javascript, Markdown, NodeJS
* Operating Systems: Linux, Windows, macOS

## Honors & Awards

Dean’s List

Tarleton State University

Fall 2020, Spring 2022, Fall 2022, Spring 2023, Fall 2023

## Activities & Interests

3D Printing

I bought a 3D printer in 2020, and quickly started printing anything and everything – not only things online, but models that I personally designed in CAD.

Video Production

I have experience with video production, from setup to final edit, as well as stop-motion animation.

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<https://cj-wade.com>