

# CHANDLER DE SPIRLET

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## OBJECTIVE

Engineering internship to provide a foundation of experience to pursue my long-term goal of advancing the digital revolution into all areas of society. I am fascinated with the new advancements in technology and want to be a part of this digital evolution. I am a quick learner as well as a team player.

## EXPERIENCE

**HEAD INSTRUCTOR** Exclusive Martial Arts Inc, Lakewood, CO 2014 – Present

Began instructing after obtaining first black belt in Tae Kwon Do and progressed to Head Instructor in 2016. Now as a 3<sup>rd</sup> degree black belt, lead a team of 30 instructors who teach upwards of 300 students in 30 classes per week. Set schedules, monitor achievement of goals and ensure positive customer relations. Provide administrative support to store owner.

**ENGINEERING TECHNICIAN**, CME America, Golden, CO 2016 – 2017

\$10 million manufacturer of ambulatory infusion devices.

As an engineering technician, I verified that equipment met specs before being shipped to customers. Developed work flow patterns to improve manufacturing efficiency. Used a variety of machines to engineer products. Created design modifications.

## EDUCATION

**BA. SOFTWARE ENGINEERING, UNIVERSITY OF COLORADO, BOULDER.**

Expected Graduation May 2020. Current GPA 3.0.

Major in Computer Science, minor in Space Minor. Active in CU Student Government and CSSB (Computer Science Student Board), a student organization whose sole purpose is to optimize the computer science education lab and reinforce a sense of community. I am also developing a neural net image generator website.

**HIGH SCHOOL DIPLOMA, D'EVELYN HIGH SCHOOL, Lakewood CO May 2016** GPA 3.4.

Awards for integrity, academic leadership, and positivity within my community.

## SKILLS

- Software languages: C++, Scala, Java, SQL, Python, HTML/CSS, NodeJS.
- Interfaces: Xcode, Android Design Studio, Eclipse, Jupyter Notebooks.
- Project Management: Waterfall and Agile methods.

## ACTIVITIES

Aside from my heavy involvement in martial arts, I like to design software projects and strive to complete and continuously update them as they are deployed. I have previously built a C++ interface that sorts and processes the amounts of classes my students have completed. I am currently working on a full stack project in which the classes are stored in a PostgreSQL database and displayed in a browser.