

CADEN WESTMORELAND

OBJECTIVE Seeking employment in software engineering beginning December 2021

SKILLS

- Proficient in C++, Python, and Java
- Familiar with SQL and making API requests for database and web applications
- Familiar with JavaScript and React.js
- Strong math, engineering, and physics background
- Passionate team player, enjoy collaboration on long-term projects and solutions for difficult problems

WORK HISTORY

MANUFACTURING ENGINEERING INTERN, AIRBORN INC (MAY 2019 – AUGUST 2019)

Worked with the manufacturing engineering department to manage and ensure the quality of the production of our electronic assemblies. Designed multiple tools which made various production processes safer and more efficient. Created databases for error logging and maintenance requests by the production team.

UNDERGRADUATE RESEARCH ASSISTANT, CENTER FOR HIGH ENERGY DENSITY SCIENCE (MAY 2017 – OCTOBER 2017)

Worked with the research and maintenance team on the development and maintenance of the Texas Petawatt Laser. Designed and developed software and hardware assemblies designed to remotely fine tune mirror positioning inside of the laser.

TUTOR (MAY 2016 – PRESENT)

I regularly tutor students in computer science, calculus, physics, and engineering mechanics classes.

EDUCATION

B.S. COMPUTER SCIENCE, TEXAS STATE UNIVERSITY (AUGUST 2020 – PRESENT)

Relevant coursework: Discrete Math II, Assembly Language, Computer Ethics, Data Structures and Algorithms

B.S. COMPUTER SCIENCE, AUSTIN COMMUNITY COLLEGE (JANUARY 2020 – AUGUST 2020)

Relevant coursework: Discrete Math, Programming Fundamentals II, Programming Fundamentals III (Data Structures & Algorithms)

B.S. AEROSPACE ENGINEERING, UNIVERSITY OF TEXAS AT AUSTIN (AUGUST 2016 – DECEMBER 2019)

Relevant coursework: Engineering Computation (Numerical Methods), Differential Calculus, Integral Calculus, Multivariable Calculus, Advanced Calculus for Applications (Vector Calculus), Differential Equations and Linear Algebra, Engineering Physics

REFERENCES

JOSE ARROYO

Manufacturing Engineer, Airborne, Inc
512-297-4330

KYLE MORRISON

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