Nathan Hodges

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EMPLOYMENT HISTORY

AUGUST 2015 - MAY 2017 (PT)

Physics Department
Peer Group Facilitator

I was responsible for several groups of calculus-based physics students each week. During our meetings we would discuss the lectures and I would help them through practice assignments.

MAY 2016 - MAY 2017 (PT)

UNCA
Lookout Observatory Docent

I assisted the observatory during public star-gazes by answering questions and operating the telescopes. Hosted numerous primary and secondary school trips.

AUGUST 2017 - FEBRUARY 2018 (PT/FT)

Eaton Corporation
Assembly Technician

Read electrical schematics and utilized CAD software such as AutoDesk to assemble high-end electrical equipment. Spoke with engineers and fellow team members to problem shoot mechanical and electrical issues.

JUNE 2018 - SEPTEMBER 2018 (PT)

Soomo Publishing
Intern

Used my knowledge of python to organize several datasets for an interactive Sociology textbook. I also created a data visual to assist on-line instructors in locating students who are performing poorly and to track their progress.

EDUCATION

2014- DEC. 2018 **B.Sc. in Physics**
University of North Carolina at Asheville

2014- DEC. 2018 **B.A. in Pure Mathematics**
University of North Carolina at Asheville

COMPUTER SKILLS

BEGINNER HTML | CSS | MySQL

INTERMEDIATE Python | Matlab | R | LaTeX

CONFERENCE

POSTER Peer Fasciliated Study Group
American Association of Physics Teachers

RELEVANT EXPERIENCE

UNC Asheville Junior Bulldogs Program

Designed and led physics demonstrations to educate and challenge the intuition of students.

Society of Physics Students

As president, I organized and presided over faculty-student meetings and led initiatives to introduce new students to the department.

PROJECTS

Lecture Notes

Supplemental lecture notes for upper-graduate mathematics and physics courses that include implementations in python.

REFERENCES

Upon Request