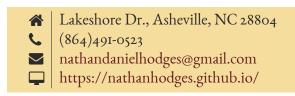
# Nathan Hodges



#### **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 facultystudent 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**