

Nathan Hodges

🏠 Lakeshore Dr., Asheville, NC 28804
☎ (864)491-0523
✉ nathandanielhodes@gmail.com
💻 <https://nathanhodes.github.io/>

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.

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 worked on a data visual to assist on-line instructors in locating students who are performing poorly and to track their progress.

DECEMBER 2018 - PRESENT (PT)

Upwork *Freelance*

In the financial sector, I have designed a trading algorithm and performed back testing to optimize returns. In the marketing sector I have analyzed A/B testing data of an online application process in an effort to reduce turn over.

EDUCATION

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

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

COMPUTER SKILLS

BEGINNER MySQL | GIS | R

INTERMEDIATE Python

RELEVANT EXPERIENCE

Cleaning Data

Cleaned and merged property data files from different sources. The tables had instances of the same parcel, but with different and useful fields that needed to be in one table. Used regular expressions and pandas dataframes to format column data.

Geocoding / GIS

Used the US Census Bureau's TIGER API to geocode hundreds of thousands of addresses. Once geocoded the data in the table could be analyzed for regional trends.

REFERENCES

Upon Request