

Alexander Julian Crabtree

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EDUCATION

Texas A&M University, College Station, Texas
Bachelor of Science in Mathematics; Minors in Physics and Astrophysics
GPA: 3.3

Aug 2017 – May 2021

WORK EXPERIENCE

Texas A&M AGGIENOVA, College Station, Texas
Research Assistant

Aug 2020 – Present

- Implemented Python libraries such as Pandas, Numpy, and BeautifulSoup to develop concise script that gathers astronomical data from online databases.
- Made use of gathered astronomical data to manipulate and organize AGGIENOVA's Swift Supernovae Database.
- Progressed AGGIENOVA's Swift Supernovae Database by developing HTML CSS, and JavaScript script.
- Utilized GitHub to collaborate with team members on joint projects in an effective and timely manner.
- Developed script utilizing Python's Pandas Library to convert data in AGGIENOVA's Pipeline.
- Assisted with front-end web development of AGGIENOVA's Templates page.

Conroe ISD, Conroe, Texas
Custodian

Jun 2019 – Aug 2019

- Kept a consistent cleaning schedule in assigned areas of the school.
- Assisted faculty with the movement of furniture and equipment.
- Maintained an inventory of cleaning supplies and equipment.

UPS, Conroe, Texas
Driver Helper

Nov 2018 – Dec 2018

- Assisted UPS Driver in the delivery of packages.
- Ensured customers satisfaction as the first point of contact between customers and the UPS Center.
- Arranged packages in an orderly manner to ensure efficiency for UPS driver.

SKILLS

- | | |
|----------------|-----------------------------|
| • Python | • IRAF |
| • HTML | • Latex |
| • JavaScript | • Microsoft Office Programs |
| • Web Scraping | • Attention to detail |
| • GitHub | • Problem solving |

HOBBIES/INTERESTS

- Mathematics
- Astronomy and Physics
- Running
- Shogi
- Reading