

Alexander Julian Crabtree

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EDUCATION

Texas A&M University, College Station, Texas Aug 2017 – May 2021
Bachelor of Science in Mathematics; Minors in Physics and Astrophysics
GPA: 3.3

Lone Star College, Tomball, Texas Aug 2015 – May 2017
General Studies; GPA: 3.7

WORK EXPERIENCE

Texas A&M AGGIENOVA, College Station, Texas Aug 2020 – Present
Research Assistant

- Implemented Python libraries such as Pandas and Beautiful Soup to develop script to web scrape astronomical data from online databases.
- Designed and incorporated HTML and JavaScript script to develop AGGIENOVA's Swift Database.
- Collaborated with team members on joint projects in web scraping relevant astronomical data for projects.
- Developed script utilizing Python's Pandas Library to convert Flux data to Luminosity in bulk.
- Assisted with front-end web development of AGGIENOVA's Templates page.

Conroe ISD, Conroe, Texas Jun 2019 – Aug 2019
Custodian

- 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 Nov 2018 – Dec 2018
Driver Helper

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

SKILLS

- Python
- HTML
- JavaScript
- Web Scraping
- IRAF
- Latex
- Microsoft Office Programs

ACTIVITIES

Corps of Cadets, Texas A&M University Aug 2017 – May 2018

- Participated in Leadership Development Program that produces leaders of character.
- Member of a team of cadets who worked together to meet unit and Corps of Cadets goals.

HOBBIES/INTERESTS

- Running
- Workout
- Shogi
- Hiking
- Reading