

Aaron Blasband

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OBJECTIVE

Upcoming graduate of ABET-accredited bachelor's-degree program seeking a computer science internship. Highly motivated with excellent technical, analytical, and communication skills and a desire to innovate and improve any and all skill sets.

EDUCATION

Major: **Computer Science** GPA: 3.27 **Graduating May 2018**
Minors completed: **Astrophysics, Physics**
Texas A&M University, College Station, Texas

Relevant Coursework: Parallel Computing*, Computer and Human Interaction*, Information Storage and Retrieval*, Cloud Computing*, Introduction to Computer System, Programming Studio, Design and Analysis of Algorithms, Computer Organization, Programming Languages, Data Structures and Algorithms, Discrete Structures for Computing, Intro to Programming Design Concepts, Extragalactic Astronomy, Linear Algebra, Astrophysical Research, Modern Physics, Stars and Extrasolar Planets, Optics and Thermal Physics, Differential Equations, Survey of Astronomy, Calculus I-III, Mechanics, Electricity, Magnetism and Optics.

*in progress

Projects

Camper Activity Assignment Computer Program – *Design and create a computer program capable of using the data collected from over 1000 campers to automatically assign them to activities.*

- Program written in C++ designed to read in data from a csv file, parse the data, and then assign each camper to their requested activities in a new csv file, while taking into account activity capacity as well as a variety of other factors.

Leadership/Involvement

President of Hillel – Organized on and off campus events with a 7 person board

Student-Inclusion Council – Creates and implements programs to make the campus minority friendly

Student Leader Communication Group- Represent all faith organizations in a group designed to improve campus life

Sigma Alpha Mu Brotherhood Chair- Organize events to boost members of the organization's morale.

WORK EXPERIENCE

URJ Greene Family Camp– 24/7 **June 2013 – August 2016**

Counselor/Director of Logistics and Purchasing (3 years), Activities Director (1 year)

- Planned, executed, taught, and supervised camp activities at a sleep away camp for 7 to 18 year olds
- Managed all purchases, supplies, and budget of a camp serving over 1000 people

Intern at LZ Technologies in Partnership with NASA and CACI **May 2017-July 2017**

- Designed, implemented and validated programs for NASA's Orion Spacecraft Data Validation Team
- Programs were implemented in Python and Java programming languages
- Programs included parsing large files for relevant information, implementing graphical user interfaces, as well as working with SQL Databases

SKILLS

- Programs: Microsoft Office, C++, Python, Java, Haskell, MATLAB, LaTeX,
- Operating Systems: Linux, UNIX, Microsoft Windows
- Proficient math and science background
- Outstanding communication and interpersonal skill
- Bilingual: English, Spanish