

Jacob Cathcart

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EDUCATION

Appalachian State University, Boone, NC

Expected Graduation: Dec. 2018

Bachelor of Science in Mathematics

Minor in Physics

EMPLOYMENT HISTORY

Camp Sea Gull

May 2013- August 2016

(Summers)

Lightning and Flying Scot Sailing UA

- Responsible for the safety of all campers, staff and equipment.
- Communicated daily with counterparts to keep team informed and troubleshoot problems.
- Supervised all aspects of the Lightning and Flying Scot programs.
- Scheduled, resourced and mentored Flying Scot and Lightning staff and candidates.
- Engaged trainers in creating lesson plans for four- and two-week sailing programs.
- Supervised Flying Scot and Lightning trainers and fleet captains.
- Assessed staff qualifications and allocated staff accordingly.
- Set high expectations for teaching and communicating information. Train staff and hold them accountable through regular feedback and formal evaluations.

Jersey Mikes Subs

Shift Manager

August 2015- January 2016

- Responsible for opening and closing the store.
- Trained new crew members.
- Responsible for counting the money drawer at the end of each day.
- Ensured a positive experience for the customers through superior customer service.

Appalachian State University Physics Department

Lab Technician

April 2016 – October 2016

Our Daily Bread

Kitchen Staff

- Learned how to effectively multitask and manage time in the most efficient way possible

EXTRACURRICULAR ACTIVITIES

Pi Kappa Alpha Social Fraternity, Appalachian State University, Boone, NC

January 2016-Present

Member

Philanthropy Chair

January 2017- Present

- Planned and coordinated several fundraising events
- Directly oversaw the collection and donation of raised for local and national charities

Panda (Physics and Astronomy) Club General Member

January 2017-Present

Math Club General Member

January 2017-Present

Skills and Achievements

- Proficient in Microsoft office
- Experienced in Adobe Photoshop
- Experienced in Adobe InDesign
- Excellent communication skills
- Exceptional problem solving abilities
- Computer programing skills in R and Python
- Diligent worker
- Proven leadership qualities

- Able to provide superb customer service
- **Publication**-Co-author J. Cathcart, Et Al.
“Combining Fuzzy-AHP and Borda Counting to
Select a Candidate,” INFORMS Business
Analytics Conference, Las Vegas, January 2017.

URL:

[http://mathsci.appstate.edu/~wmcbl/INFORMS/2017/Candidate Selection.pdf](http://mathsci.appstate.edu/~wmcbl/INFORMS/2017/Candidate%20Selection.pdf)