

Alan T. Griffith

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OBJECTIVE

Seeking a career utilizing my mathematical, problem solving, and computer programming skills

EDUCATION

THE UNIVERSITY OF SCRANTON
B.S. Mathematics

SCRANTON, PENNSYLVANIA
Graduated May, 2015

RUTGERS UNIVERSITY
Coding Bootcamp

SOMERSET, NEW JERSEY
Graduated March 2019

NOTEWORTHY COLLEGIATE COURSEWORK

Problem Solving
Linear Algebra
Mathematical Proof
Modern Algebra I & II
Geometry
Physics
Micro and Macro Economics

Calculus I, II, & III
Probability and Statistics
Logic
Numerical Analysis
Applied Combinatorics
Computer Science
Financial and Managerial Accounting

CURRENT WORK EXPERIENCE

2018 **Labor Analyst, Six Flags Great Adventure** June 2016-November

Jackson, NJ

- Assigned employees specific work locations and jobs to be preformed
- Scheduled employees for training, and work days based on necessity, availability, and transportation
- Found solutions for various scheduling and personality conflicts for our employees
- Recorded employee data in company databases

Staffing Supervisor, Six Flags Great Adventure

June 2016-November

2018

Jackson, NJ

- Ensured each ride has the appropriate personnel to operate efficiently while being able to run required breaks
- Responsible for personnel assignments, reassignments, and immediate movement throughout a working day
- Rewarded and recognized personnel for great work performance
- Handled disciplinary action, and retraining when necessary

Rides Unit Supervisor, Six Flags Great Adventure

June 2016-November

2018

Jackson, NJ

- Ensuring Kingda Ka, Zumanjaro, Boardwalk, Lakefront, and Congo Rapids operated efficiently and safely
- Trained new employees and made sure Team Members knew how to safely operate heavy machinery and what to do in a breakdown situation
- Ensured guests were loaded and unloaded quickly and safely in the attractions
- Followed necessary breakdown procedures
- Made sure guests met required height and health requirements to ride safely
- Answered any questions guests may have about the rides and the park itself
- Enforced rigorous company safety policies

Tutor, Huntington Learning Center

October 2015- December

2018

Lawrenceville, NJ

- Tutored students enrolled in the ACT and SAT prep courses in the areas of Math and Science
- Worked with students on test taking strategy and more efficient problem solving methods
- Conducted practice exam reviews
- Tutored students on an individual subject level. Subjects included Algebra, Geometry, Trigonometry, Physics, Statistics, Pre-Calculus, and Calculus

PAST WORK EXPERIENCE

2017	<i>Tutor, Rider University</i> Lawrenceville, NJ October 2016- April
	<ul style="list-style-type: none"> ▪ Tutored students enrolled in education courses for the Praxis Exam in the areas of Math, Science, and Social Studies ▪ Worked with students on test taking strategy and more efficient problem solving methods ▪ Conducted practice exam reviews ▪ Tutored students on an individual subject level. Subjects included Algebra, Geometry, Trigonometry, Physics, Pre-Calculus, Calculus, Logic, Physics, Chemistry, Biology, Earth/Space Sciences, Sociology, Psychology, Geography, and History
2015	<i>Booth Attendant, Borough of Barnegat Light</i> Barnegat Light, NJ June 2009- October
	<ul style="list-style-type: none"> ▪ Handled monetary transactions involving the sale of beach badges to patrons ▪ Monitored the skate park through enforcement of rules and safety regulations ▪ Managed tennis court reservations

ACTIVITIES

Scranton Mathematics Competition Team, University of Scranton

Scranton, PA

- Competed for the University in mathematical competitions throughout the school year
- Member of the University team for the 2015 William Lowell Putnam Competition
- Scored a 2 on the Putnam Competition

Event Leader, University of Scranton Campus Ministries

Scranton, PA

- Lead small groups in various discussions involving spiritual, personal, and ethical growth
- Present and lecture on various topics to all retreat participants as a group
- Design, develop and implement activities, presentations, and discussion topics

Radio Producer/ Talk Radio Host, University of Scranton

Scranton, PA

- Wrote, developed, and presented a weekly talk show featuring discussions on current events, philosophy, astronomy, and problem solving.
- Responsibilities included: managing a small group of students and a professional broadcaster, running commercial breaks at appropriate times, and solving technical difficulties quickly and effectively.

VOLUNTEER

The University of Scranton, Scranton, PA

Fall Freshman Move-In

- Assisted Freshman and families with various items on move-in day

Theater Shop

- Built props and constructed sets for all plays during academic season
- Would lead small teams through a daily project
- Many times would teach others how to safely use every day tools (such as wrenches, hammers, electric drills, circular saws, soldering irons, etc.)

SKILLS

Fluent in Programming Languages of: HTML5, CSS3, JavaScript, SQL, Java

Fluent in Libraries: jQuery, Ajax, Node, Express, Firebase, MYSQL, Passport, npm, Mongo, and React

Experience in Programs: Microsoft VS Studio Code, MySQL Workbench, MATLAB, Github

Proficient in other coding languages: Python, R, C++

REFERENCES

Furnished upon request.