

# Alan T. Griffith

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## **OBJECTIVE**

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

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## **EDUCATION**

THE UNIVERSITY OF SCRANTON

B.S. Mathematics

SCRANTON, PENNSYLVANIA

Graduated May, 2015

RUTGERS UNIVERSITY

Coding Bootcamp

SOMERSET, NEW JERSEY

Graduated March 2019

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## **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

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## **CURRENT WORK EXPERIENCE**

**Labor Analyst, Six Flags Great Adventure**

June 2016-November 2018

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

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## ***PAST WORK EXPERIENCE***

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### ***Tutor, Rider University***

October 2016- April 2017

Lawrenceville, NJ

- 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

### ***Booth Attendant, Borough of Barnegat Light***

June 2009- October 2015

Barnegat Light, NJ

- 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

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## ***ACTIVITIES***

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### ***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.

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## ***VOLUNTEER***

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*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.)

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## ***SKILLS***

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

**Fluent in Programming Libraries:** jQuery, Ajax, Moment.js, Node, Express, Firebase, CSS Animate, MySQL, Passport, npm, Mongo, and React

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

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

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## ***REFERENCES***

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Furnished upon request.