

Jacob Allen

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(919)-744-4529

EDUCATION:

GEORGIA INSTITUTE OF TECHNOLOGY

Atlanta, GA

College of Computing

Candidate for Bachelor of Science in Computer Science
Current GPA: 4.0

July 2017 – May 2021

HOLLY SPRINGS HIGH SCHOOL

Holly Springs, NC

- Honors Graduate with NC Scholar Distinction
- Class Salutatorian (Rank 3/600)

LEADERSHIP:

FIRST Robotics Competition Team 3229

August 2013 – June 2017

Mechanical Co-Captain

August 2016 – May 2017

- Designed, built and improved the first climbing mechanism the team had ever built
- Traveled to FIRST World Championships in Houston, TX

FIRST Robotics Competition Team 6705

December 2017-May 2018

Programming Mentor

- Assisted in teaching new team members Java, GitHub, and how to use the FRC API
Set and reached team goals for completing robot code

MU ALPHA THETA

Leadership Council Member, Activities Coordinator

August 2016 – June 2017

- Organized club participation in online math competition
- Participated and aided in over 40 hours of math-related tutoring

PROJECTS:

APP DEVELOPMENT (Summer 2016) <https://github.com/jballen73/Dota2Quiz>

- Designed and developed app over a 3-day period
- Presented app to a board of instructors and parents

GAME DEVELOPMENT (Fall 2017)

- Worked in a 14-person class team to create a board game
- Required leadership and organizational skills to meet deadlines
- Used agile development principles and an iterative process

SKILLS:

Programming Languages: Familiar with Java, Python

Software: Eclipse, IntelliJ IDEA, Emacs, Microsoft Suite

Relevant Courses: Object-Oriented Programming, Data Structures and Algorithms

ACTIVITIES:

Fencing: 4 Years of experience in Foil Fencing at Apex Fencing Academy, 1 Semester at Yellow Jacket Fencing Club

Piano: 12 Years of experience at Joyful Sounds Academy of Music and Art