

Your ACT scores from the October 2020 test:



Composite



Math




Science




English



Reading

 What is Composite Score?

 Writing score information.

Were sent to the following schools:

- UNIVERSITY OF CINCINNATI (3340)
- UNIVERSITY OF ALABAMA AT BIRMINGHAM (0056)
- UNIVERSITY OF ROCHESTER (2980)
- RENSSELAER POLYTECHNIC INSTITUTE (2866)
- UNIVERSITY OF PITTSBURGH (3734)
- UNIVERSITY OF ALABAMA AT BIRMINGHAM (0056)
- BROWN UNIVERSITY (3800)
- BOSTON UNIVERSITY (1794)
- GEORGE WASHINGTON UNIVERSITY (0664)
- GEORGIA INSTITUTE OF TECHNOLOGY (0818)
- STONY BROOK UNIVERSITY-SUNY (2952)
- UNIVERSITY OF CONNECTICUT (0604)
- ROCHESTER INSTITUTE OF TECHNOLOGY (2870)
- VIRGINIA COMMONWEALTH UNIVERSITY (4379)
- CASE WESTERN RESERVE UNIVERSITY (3244)
- STATE UNIVERSITY OF NEW YORK POLYTECHNIC INSTITUTE (2953)
- RICE UNIVERSITY (4152)
- PENNSYLVANIA STATE UNIVERSITY-MAIN CAMPUS (3656)
- COLLEGE OF NEW JERSEY (2614)
- NEW JERSEY INSTITUTE OF TECHNOLOGY (2580)
- THE OHIO STATE UNIVERSITY (3312)
- RUTGERS STATE UNIVERSITY (2592)

Ravi Bandaru

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SUMMARY

A senior at William Mason High School with an interest in chemistry, biology, and other STEM subjects. Interested in research opportunities and internships in related fields.

EDUCATION

- **William Mason High School** Mason, OH
Senior; UGPA: 4.00; WGPA: 5.47 *Aug. 2018 – May 2022*
ACT: 36; SAT: 1590

EXPERIENCE

- **The Public Library of Cincinnati and Hamilton County** Loveland, OH
Shelver - Part Time *May. 2021 - Present*
 - **Reshelving Books:** Organized and reshelved all returned books from patrons, serving customers as needed.
- **The Center for Foot Care** Butler County, OH
Employee Manual Designer/Creator *Jun. 2020 - Nov. 2020; Hours: 60*
 - **Procedure Observation and Documentation:** Surveyed and documented the procedures of this private practice podiatrist, including everything from patient check-in to insurance payment processes to the use of the EMR/EHR portals.
 - **Document Creation:** Utilized the information that was observed and documented to create a 40 page manual using the LaTeX programming language, spending months designing and organizing the information properly as well as making necessary edits.
- **University of Cincinnati West Chester Hospital** West Chester, OH
Patient Care - Intensive Care Unit *Jun. 2019 - Aug. 2019; Hours: 40*
 - **Patient Rounds:** Conducted hourly rounds around the floor to ensure patient comfort and satisfaction. Brought items like food and medical supplies into patient rooms and cleaned all medical equipment thoroughly.
 - **Stocking Supplies:** Restocked items like gloves and thermometer probes in patient rooms on the floor, and even restocked testing kits and tubes for blood and urine samples.
 - **Health Unit Coordination:** Acted as a Health Unit Coordinator, speaking with patients, connecting patients with nurses and attending physicians as needed, and operating a log of discharges and admits throughout the day.
- **TriHealth Bethesda North Hospital** Mason, OH
Surgery Waiting Liaison/Same Day Surgery Unit Assistant *Jun. 2018 - Present; Hours: 350*
 - **Consultation and Patient Meetings:** Operated a highly organized system to stay with patient's families through their entire surgery waiting experience. Updated families on the status of the patient, planned patient meetings with the family, and discharged patients from Post-Operation to hospital rooms.
 - **Floor Assistant:** Conducted rounds on patients in the floor as needed, accommodated all patient post-operation requests, transported discharged patients out of the hospital, and assembled and delivered post-operation kits for patients.

EXTRACURRICULARS/LEADERSHIP

- **Open-Source Package Developer** Mason, OH
Python Developer *Mar. 2021 - Present*
 - **mednoise — Mar. 2021 - Present:** Developed and published an open-source python package related to large-scale medical image pre-processing for bioinformatics research with over 90,000 combined downloads.
- **Research at Cincinnati Children's Hospital** Mason, OH
Research Assistant *Dec. 2020 - Present*
 - **EpiFluidLab — Dec. 2020 - Present:** Collaborated with a cohort of researchers to develop machine/deep learning models in Python (using Scikit-Learn and Tensorflow) that analyze cell-free DNA fragmentation patterns in children with atopic dermatitis. Publication pending.

- **Prasath Lab — Dec. 2020 - Present:** Collaborated with a graduate student at the University of Cincinnati to develop machine-learning and deep-learning models that use medical images to predict liver stiffness in children.
- National Honor Society** Mason, OH
Member/Chair *May. 2020 - Present*
 - **Recycling Chair — Sept. 2020 - Present:** Coordinated the recycling branch of NHS. Organized sign-ups, made sure that members showed up on time, and supervised weekly to coordinate the recycling efforts across the school.
- Science National Honor Society** Mason, OH
Member/Chair *Sept. 2020 - Present*
 - **QuizBowl Chair — Oct. 2020 - Present:** Developed quarterly QuizBows for the club. Coordinated sign-ups, created teams, designed questions and study-guides, organized the competition structure, updated brackets, and conducted the competition rounds weekly.
- Spanish National Honor Society** Mason, OH
Member/Cabinet Member *Aug. 2019 - Present*
 - **Cabinet Member — Sept. 2020 - Present:** Orchestrated events for more than one-hundred members of our club and community, such as the Hispanic Heritage Festival, Christmas Donations, and the Senior Banquet.
- Cross Country - JV Captain** Mason, OH
5K Personal Record: 19:29.6; 2M Personal Record: 12:55.0 *Aug. 2019 - Present*
- Science Olympiad** Mason, OH
Member/Event Leader *Aug. 2017 - Present*
 - **Ornithology Event Leader — Aug. 2019 - Aug. 2020:** Organized and taught Ornithology to more than thirty members of our team. Taught members how to identify the birds on the list, provided resources for them to create their binders, created a platform for them to practice bird ID's on, and tested the content during bi-weekly meetings.
 - **Boomilever Event Leader — Aug. 2020 - Present:** Organized and taught Boomilever to more than twenty members of our team. Taught them the physics behind balsa-wood cantilevers and how to use CAD software to design their structures, helping them optimize their designs and test them, and testing this content during weekly meetings.

HONORS AND AWARDS

- **National Merit Scholarship Semifinalist:** Placed in the top 0.5% of Ohio's senior students in the National Merit Scholarship Competition.
- **National Spanish Examination - Gold Scholar:** Spanish exam that recognizes achievement in the study of the Spanish language, achieved a national percentile of 98, with 150,303 students taking the test.
- **Rensselaer Medal:** This award was given to a student who "has distinguished themselves in math and science" and has been nominated by their high school for doing so. Comes with a scholarship worth \$120,000 over four years given that the student commits to Rensselaer University.
- **Bausch and Lomb Honorary Science Award:** This award was given to a student who "has demonstrated high achievement and rigor in science and math classes as well as positive contributions to their school and within the larger community" and has been nominated by their high school for doing so. Comes with a scholarship worth \$40,000 over four years given that the student commits to the University of Rochester.
- **Northwestern University Book Award:** This award was given to a student whose "achievements exemplify the ideas of community through their life, work, and service" has been nominated by their high school for doing so.
- **Mason High School Outstanding Achievement Award - AP Chemistry & AP Biology:** This award was given to students who were selected by teachers and showed character and achievement in class.
- **Notable Science Olympiad Awards:**

2nd - Boomilever - National Tournament
 1st - Ornithology - Centerville Invitational
 2nd - Ornithology - University of Texas at Austin
 3rd - Codebusters - Mass. Institute of Technology
 3rd - Ornithology - University of Georgia

1st - Codebusters - Pennsylvania State University
 1st - Boomilever and Digital Structures - Regional Finals
 2nd - Ornithology - Regional Finals
 3rd - Codebusters - University of Texas at Austin