William Zhao

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Education

Vanderbilt University, Nashville TN   **May 2021**
Bachelor of Science in Computer Science

Spain Park High School, Hoover AL   **May 2017**
Valedictorian | 4.42/5.00 GPA

Experience

BEST Robotics   **Fall 2017**
Head of Robot Construction   *Hoover, AL*
- Led construction team in brainstorming robot designs, constructing the robot, and testing the robot on competition course
- Communicated with programming team on ideal robot functionality to ensure similar vision for the robot
- Presented technical aspects of robot such as game plans for competition and blueprint details to panel of judges

Future Business Leaders of America   **Spring 2017**
Participant   *Hoover, AL*
- Developed databases with Microsoft Access and completed written examination on SQL and Access
- Placed 1st in Database Applications for the state of Alabama

Youth Philanthropy Council   **August 2014 – May 2017**
Treasurer   *Birmingham, AL*
- Participated in on-site evaluations of non-profits that applied for a grant and reviewed past financial records and statistical data to ensure quality of non-profits
- Evaluated cases for non-profits and determined which non-profits would receive a grant based on quality of work done prior and how closely their objective aligns with the goals of the council

Projects

Christ Church Attendance System   **Spring 2017**
Developer   *Hoover, AL*
- Created an Android mobile application for local church daycare to track daily attendance of employees and children to ensure children participation and track accurate payroll data for employees
- Utilized java as the primary language and Google Sheets for the database to store exact dates and times of attendance via check-in and check-out system

Campus Involvement

VandyHacks   **October 2017**
Volunteer   *Nashville, TN*
- Contributed to the efforts of running the annual Vanderbilt hackathon by ensuring meals and other accommodations were met
- Participated in various local Major League Hacking (MHL) nights similar to hackathons

Vanderbilt Student Volunteers for Science   **August 2017 – Present**
Team Member   *Nashville, TN*
- Educated middle schoolers on various aspects of chemistry such as types of reactions and acid-base chemistry
- Demonstrated basic chemical reactions and allowed them to perform hands-on experiments

Skills and Interests

- **Skills :** Java, HTML5, CSS3, JavaScript, React.JS
- **Environments:** Windows, Mac OS
- **Hackathons:** VandyHacks, HackGT
- **Interests:** Playing basketball, Watching the NBA, Sneakers, Hiking