

AUSTIN ZHANG

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EDUCATION

Dartmouth College , Hanover, NH <i>Bachelor of Arts, Major in Computer Science: Minor in Economics</i> Relevant Coursework: CS10 (Object Oriented Programming), Math 11 (Multivariable Calculus) Honors/Awards: 1 st Place Dartmouth Hackathon Alexa Prize	June 2022
Columbus Academy , Gahanna, OH Cum Laude Society SAT Math: 800 ACT: 36 Activities: FTC Robotics Captain, Programming Club, Science Olympiad	June 2018 GPA 4.31

EXPERIENCE/RELATED EXPERIENCE /RELEVANT EXPERIENCE/WORK EXPERIENCE (select one)

Dartmouth College , Hanover, NH <i>Computer Science 10 Teaching Assistant</i> <ul style="list-style-type: none">• Taught students using personalized approach during and out of office hours.• Held group recitation sections for programming drills and problem set help.• Collaborated with other TAs and professor to grade problem sets, exams, and assignments.	Dec 2018-Present
GFS Chemicals , Hilliard, OH <i>Logistics Intern</i> <ul style="list-style-type: none">• Designed and wrote a bin packing and shipping optimization algorithm for low volume chemical shipments.• Presented project to the president and executives of the company who decided to move forward with the implementation of my program.• Collaborated with an outside consultant to port algorithm into Microsoft Dynamics AX ERP System to allow for online shipment pricing and additional customer service tools.• Provided technical support during the implementation of the new system.• Program is currently in use by customer service team and will be integrated into the new company website.	Jun 2018-Aug 2018
Ohio State VSCL Lab , Columbus, OH <i>Research Intern</i> <ul style="list-style-type: none">• Assisted in developing swarm intelligence self-driving car technologies by writing communication protocols.• Implemented computer vision lane detection and adaptive cruise control algorithms using a Raspberry Pi and low-cost sensors.	Jun 2017-Aug 2017

ADDITIONAL ACTIVITIES

Dartmouth Entrepreneurship Network , Hanover, NH <i>Startup Grant Recipient</i> <ul style="list-style-type: none">• Created Amazon Alexa based stock trading and information application with two partners.• Won first place in Dartmouth Hackathon and received a 500-dollar grant for furthering our startup idea.• Pitched new startup idea and received 2500-dollars in additional funding.	Oct 2018-Present
Columbus Academy FTC Robotics , Gahanna, OH <i>Programming and Build Captain</i> <ul style="list-style-type: none">• Organized and mentored a team of 15 students in programming and building robots.• Designed, modeled, and built a state finalist competition robot.• Wrote autonomous and human-operated programs for robot control systems using Qualcomm libraries and Android devices.• Established an educational program for teaching future students robot building and programming.	Sep 2014-May 2018

SKILLS & INTERESTS

Computer Languages: Fluent in Java and Python. Proficient in C#, C++, HTML, CSS, VBA, Android development, and GitHub.
Design: Proficient in Solidworks and OnShape. Significant experience building and configuring electronics and computer hardware.
Languages: Fluent in Mandarin Chinese.
Additional Interests: Watching and playing basketball, listening to a variety of music, rock climbing.