LARA CHUNKO

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EDUCATION

B.S. Computer Science | 2022
University of Colorado Boulder
GPA: 3.75/4.00

SKILLS

C++, Java, Python, HTML, CSS, SQL, MATLAB, RobotC, C#, VEX C++

AWARDS

- 4th/21 in Lucid Programming Competition | 2019
- National AP Scholar | 2018
- VEX Robotics Worlds Innovate Award | 2018
- 1st/11 in Lockheed Martin Code Quest | 2018
- VEX Robotics State Design Award | 2018

PROJECTS

- Lifeguarding Virtual Reality (VR) | 2019
  - Created VR lifeguard training using HTC Vive
  - Implemented a visual search task to identify a person in need
- My Website | 2019 | lara264.github.io/larachunko
  - Self taught, created my own portfolio
- Participated in Halite III Challenge | 2018
  - Developed a maximization algorithm for bot navigation to and from shipyards
  - Ranked 1119/4014

WORK EXPERIENCE

Research Intern at Iowa State University | 2019
- Compared two 3D scanners to prove the faster, more efficient scanner could be used interchangeably with the industry standard scanner
- Learned how to scan objects for topography analysis
- Automated existing MATLAB analysis programs for 3D data
- Increased working efficiency by creating a user interface which automatically read and wrote data
- Wrote a research paper and presented at a symposium
- Funded by National Science Foundation

Resident Advisor at University of Colorado Boulder | 2019-Present
- Ensured safety and observed building activity to respond to potential threats or violations
- Met one-on-one with students to discuss personal, educational, and professional well being and success
- Led meetings, mediated roommate disputes, designed bulletin boards

Alternate Format Student Assistant at University of Colorado Boulder Disability Services | 2018-Present
- Reformatted textbooks for students with disabilities
- Completed work using Adobe, Word, and MathType

LEADERSHIP

VEXU Robotics Team Captain for BUFF VEX | 2019-Present
- Worked with another team to build two robots which complemented each other for competition
- Public relations point of contact to increase awareness and membership

Event Coordinator for Society of Asian Scientists and Engineers (SASE) West Mountain Regional Conference | 2018-2019
- Organized a professional conference for mountain regional SASE chapters and various companies, over 100 people attended
- Created and organized workshops
- Mediated Q&A panel workshop between professionals and students
- Designed website and created content

VEX Robotics Team Captain for Team 3796C | 2017-2018
- Led a team of five students
- Built U-chassis robot with hybrid tank-x drivetrain and rack and pinion lift
- Competed at the regional, state, and world competition level

ACTIVITIES

Society of Asian Scientists and Engineers | 2018-Present
- Participated in Asian diversity events
- Networked with STEM students and professionals

Cyber Security Club | 2018-Present
- Practiced ethical hacking through online and server based challenges
- Networked with cyber security professionals

Global Engineering Residential Academic Program | 2018-Present
- Participated in cultural awareness dinners
- Practiced and learned foreign languages