

SASCHA REYNOLDS

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EDUCATION

Harvey Mudd College, Claremont, CA

Expected May 2020

B.S., Computer Science

Relevant Coursework: Data Structures and Program Development, Programming Practicum, Principles of Computer Science, Computability and Logic, Discrete Mathematics, Linear Algebra II, Differential Equations II, Electromagnetic Theory and Optics, Mechanics and Wave Motion, Building Successful Teams, Fundamentals of Leadership

Chattahoochee High School, Johns Creek, GA

May 2016

Awards and Achievements: Girls Varsity PTSA Scholar Award (awarded to the athlete with the highest GPA, 2016), US Lacrosse High School Academic All American (2015-2016), Athletic Academic Award (2014-2016), National Honors Society (2014-2016)

SKILLS

Programming Languages: Java, Python, C++, JavaScript, HTML, CSS, Racket, MATLAB, Assembly, Picobot

Languages: French (Intermediate)

TECHNICAL AND WORK EXPERIENCE

Computer Science Tutor/Grader, Harvey Mudd College, Claremont, CA

January 2018-Present

- Help students develop a deeper understanding of Python, Assembly, and Picobot

Summer Immersion Program Teaching Assistant, Girls Who Code, Warner Bros. Studios, LA, CA

June-August 2017

- Supported the teaching of web development and design, robotics, app development, and basics of programming with Python, CSS, JavaScript, and HTML
- Led Python session from introduction to project completion
- Provided mentoring to a group of 18 girls

Hands On Tech. Days @ Georgia Institute of Technology, Atlanta, GA

July 2015

- Built a computer, worked with robots using music synthesis technology, learned soldering skills, and built simple digital logic circuits
- Helped test a robotic arm used for physical therapy

Camp Counselor, Lifetime Fitness, Johns Creek, GA

May-August 2016

- Led campers through challenging activities and responded to conflicts by implementing collaborative problem solving, logical consequences, and one-on-one counseling

Veterinary Intern, Windward Animal Hospital, Johns Creek, GA

August 2015-January 2016

- Assisted with examinations, vaccinations, wildlife rehabilitations, cleaning, and observed surgeries

PROJECTS (<https://github.com/saschareynolds>)

Underwater Robot, Harvey Mudd College, Claremont, CA

Fall Semester, 2017

- Built a robot capable of collecting temperature and pressure measurements underwater

LEADERSHIP EXPERIENCE

High School Varsity Lacrosse Team Captain, Johns Creek, GA

2015-2016

- Met with coach to translate team needs and vice versa, supported teammates, and helped lead team towards common goals

Tutor, Chattahoochee High School, Johns Creek, GA

2014-2016

- Helped peers understand calculus, chemistry, and physics and taught time management and planning skills

Chattahoochee Ambassador, Johns Creek, GA

2014-2016

- Helped freshmen students develop skills needed to adapt to and succeed in high school

Lacrosse Coach, Chattahoochee High School feeder team, Johns Creek, GA

2013-2016

- Taught lacrosse skills, teamwork, and sportsmanship to middle school girls team

Legacy Leadership Award, Chattahoochee HS Women's Lacrosse Team, Johns Creek, GA

2016

- Voted by the players "in recognition of living a life of character, experiencing intense competition, and enjoying camaraderie"

Founder and President, Humane Society Club, Johns Creek, GA

2013-2016

- Planned and coordinated various fundraisers to benefit local animal shelters by collaborating with local organizations and high school faculty

CO-CURRICULAR ACTIVITIES

Member, Claremont-Mudd-Scripps Varsity Women's Lacrosse Team

2016-Present