Caroline Chocholak

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EDUCATION

University of Southern California   **Los Angeles, CA**
Viterbi School of Engineering   **May 2019**
Bachelor of Science, Computer Science   **GPA: 3.81**
Dean's List   *Fall 2016 – Present*

TECHNICAL SKILLS

C++ (Proficient), MATLAB (Proficient), Java (Basic), Python (Basic), Linux, Git, Microsoft Office

RELEVANT COURSES

Introduction to Programming (C++), Introduction to Digital Logic, Data Structures and Object Oriented Design, Discrete Methods in Computer Science, Principles of Software Development, Mobile Application Development, Introduction to Algorithms and Theory of Computing

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WORK EXPERIENCE

Medtronic, North Haven, CT   **May 2017 - August 2017**
Computer Science Engineering Summer Associate
- Worked on a software development team for a surgical robotics platform for minimally invasive surgery.
- Independently designed and implemented a multithreaded data logging system written in C++ for the surgical robot which will be put into final product code.
- Presented my project to a team of 6 software engineers and a panel of three judges at the end of the internship program.
- Created additional data logging programs as needed for other software developers to help with testing and debugging.

USC Computer Science Department, Los Angeles, CA   **January 2018 – Present**
Course Producer for CSCI 103 - Introduction to Programming (C++)
- Host office hours weekly to help students better understand the course material.
- Assist professors with grading exams and programming assignments.

USC Information Technology Services, Los Angeles, CA   **January 2017 – January 2018**
Office Assistant
- Manage 150 student employees and coordinate the hiring of new employees by conducting interviews and making final decisions on hiring selections.
- Create weekly schedules for student workers, and act as the main point of contact for any issues with scheduling.

LEADERSHIP AND INVOLVEMENT

USC Club Field Hockey
President   **June 2017 - Present**
- Oversee 2 team coaches and 6 executive board members to ensure success of team operations.
- Coordinate with the Field Hockey League and the University to schedule practice and game times.
- Plan and organize various team events.

Secretary   **January 2017 - May 2017**
- Attend weekly Executive Board meetings to discuss team logistics.
- Communicate with team members through weekly emails.

Alpha Phi Sorority
Athletics Chairman   **November 2016 - Present**
- Led the sorority's involvement in multiple intramural sports within the university. Responsible for coordinating games with the university and other sororities and ensuring participation at all events.

Science Outreach
Member   **January 2017 – Present**
- Collaborate with ten team members to successfully teach science classes weekly to 2nd and 3rd grade students at underprivileged elementary schools near USC.