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(563)-570-3362 Ames, IA 50010	
Education Iowa State University, Ames Iowa Bachelors of Science *University Honors Major: Computer Science, Minor: Biology G.P.A.: 4.00/4.00	May 2020
Current Work Experience Software Development Intern, Workiva Inc. • Develops back-end Java code on an Agile team	May 2018-Present
 Maintains existing programs and implements new features COM S 327 Advanced Programming Techniques Teaching Assistant Assists 5-30 students during office hours two hours a week 	Aug. 2018-Present
 Grades and debugs 20 student C/C++ assignments weekly Freshman Computer Science Learning Community Peer Mentor Leads and organizes Computer Science Freshman learning community meetings for 60 students 	Jan. 2018-Present
Women in Computer Science Peer Mentor • Mentors 12 freshmen women to increase retention in the Com S major	Aug. 2018-Present
Relevant Skills Proficient in Java Intermediate ability in C/C++ Intermediate ability in python scripting, self-taught in context of biological data analysis Experience developing in Linux environments	
Research Experiences Peterson Lab, <i>Iowa State University</i> • Developed an automated system to analyze regions of DNA to find suitable primer sequences • Utilized scripting and existing programs to compare NGS data with a <i>Zea mays</i> reference gen	ome
National Science Foundation Bioinformatics REU, <i>Auburn University</i> • Analyzed <i>Euphorbia maculata</i> genome utilizing Biopython and Unix scripting in a HPC clus	May 2017- July 2017
Quarknet Student Researcher, University of Iowa	June-Aug. 2016
Developed scintillating plates for CERN Polyment Community	
Relevant Coursework Introduction to Data Structures Discrete Computational Structures Introduction to Computational Biology Introduction of Object Oriented Programming Machine-Level Programm	Techniques r Architecture and
Professional and Leadership Development Experiences Careers in Computer Science Teaching Assistant	Jan. 2018-May 2018
 Managed class of 135 students and graded weekly assignments Iowa State Department of Residence Community Advisor 	Aug. 2017-May 2018
Supervised and supported a community of 35 residents Principles of Biology II Learning Assistant Auburn University Bioinformatics Bootcamp Figure 1 de la community of 35 residents Auburn University Bioinformatics Bootcamp	Aug. 2017-Dec. 2017 June 2017
 Expanded knowledge in scripting and using programs on HPCs Women in Science and Engineering Leadership Conference MACURH Regional Leadership Conference Emerging Leaders Retreat; Iowa State University Alpha Phi Omega LEADS Servant Leadership Development Programs Cardinal Leadership Scholars Conference 	Jan. 2017 Nov. 2016 Oct. 2016 Oct. 2016 Oct. 2016
Campus Involvement and Volunteer Work Iowa State Digital Women Club Iowa State Computer Science and Software Engineering Club Campus Ministries, Executive Board Secretary Wings of Hope Volunteer, Jacmel, Haiti Iowa State Alternative Winter Break Trip, Detroit Michigan Alpha Phi Omega Co-ed Service Fraternity, Historian	Aug. 2017-Present Aug. 2017-Present Aug. 2016-Present Jan. 2018 Jan. 2017

Alpha Phi Omega Co-ed Service Fraternity, Historian

Sept. 2016-Aug. 2017