Heidi Anderson

Contact Info:
Email: ander788@purdue.edu
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Education:
Purdue University, *IN*
Bachelor of Science in Computer Science
Focus in Machine Intelligence
Graduation: Spring 2020
Major GPA: 3.03/4.00

Course Work:
- Databases [SQL]
- Intro to Algorithms [Java]
- Data Mining [Python and R]
- Intro to Data Structures [C and C++]
- High Performance Computing Application
- See HeidiAnderson.online

Skills:
- Java
- C/C++
- R
- HTML/CSS/Javascript
- Agile/Scrum
- Python

Projects:
- See HeidiAnderson.online

Useful Links:
- Linkedin.com/in/heidi-anderson-b7b06613b
- HeidiAnderson.online

Work Experience:
Capital One, *McLean, VA*, June – Aug 2019
Technology Development Program Software Engineering Intern

Rockwell Collins, *Cedar Rapids, IA*, May – August 2018
Software Summer Engineering Projects Intern
- Used C++ to modified company flight management software for a semi-autonomous fixed wing drone
- Worked with two other teams to integrate experimental projects onto one physical system
- Used Agile process to delegate work to meet summer deadline for presentation to company executives

Purdue University, *West Lafayette, IN*, Aug 2017-Jan 2019
Undergraduate Teaching Assistant
CS180x: AP Computing Science A: Java Programming
- Aided national and international high school students while they worked on Java homework and projects
- Collaborated with undergraduate TA's and graduate professor, to accomplish weekly course goals
CS180: Object-Oriented Programming with Java
- Taught and tutored Purdue students while they worked on Java projects and course labs
- Worked with other undergraduate and graduate TA's as a team, to accomplish the daily section goals

TechPoint, *Indianapolis, IN*, June 2017
Xtern Bootcamp
- Learned and practiced HTML, CSS, Javascript, React.js, and VisualStudio to complete web projects
- Used Agile and Scrum, training through beLithe

Campus Involvement:
- Women in High Performance Computing, 2018 Undergraduate Student Cluster Team
- Sigma Alpha Pi: The National Society of Leadership and Success
- Peer-2-Peer Mentor
- BoilerCode Mentor
- Purdue Hackers
- Computer Science Women's Network
- iOS Development Club
- Gamma Phi Beta Sorority, Technology and Computer Chair

Community Service:
Mentoring Aspiring Girls in Computing, *West Lafayette, IN*
- Lead weekly sessions at local high schools to teach young girls about math and computer science
- Planned and organized weekly sessions and other events for the students' education and benefit