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Heidi Anderson

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Education:

Purdue University, *West Lafayette, IN*   **Expected: May 2020**
- o   Bachelor of Science in Computer Science   **Cumulative GPA: 3.05**
- o   Focusing on Machine Intelligence and Unmanned Aerial Systems

Skills and Relevant Courses:

Skills   ○ HTML/CSS/Javascript   ○ Python   ○ Java   ○ C   ○ C++   ○ Bash Scripting   ○ Agile/Scrum
Course Work
- o   Problem Solving and Object-Oriented Programming in Java
- o   Foundations of Computer Science with Hardware and Algorithms
- o   Programming In C and C++
- o   Systems Programming with C, Shell Scripting, and Network Concurrency
- o   Basic Aircraft Science

Work Experience:

Rockwell Collins, *Cedar Rapids, IA*

Software Summer Engineering Projects Program Intern   May – Aug 2018
- o   Used C++ to modified company flight management software for a semi-autonomous fixed wing drone
- o   Worked with two other teams to integrate each experimental project onto one physical system
- o   Used Agile process to delegate work to meet summer deadline for presentation to company executives

Purdue University, *West Lafayette, IN*

CS180x Undergraduate Teaching Assistant   Nov 2017 – Current
- o   Aided national high school students while they worked on Java homework and projects
- o   Collaborated with undergraduate TA's and graduate professor, to accomplish weekly course goals

CS180 Undergraduate Teaching Assistant   Aug 2017 – Current
- o   Taught and tutored Purdue students while they worked on Java projects and course labs
- o   Worked with other undergraduate and graduate TA's as a team, to accomplish the daily section goals

TechPoint, *Indianapolis, IN*

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

Campus Involvement:

- o   Sigma Alpha Pi: The National Society of Leadership and Success   Aug 2017 - Current
- o   Peer-2-Peer Mentor   Aug 2017 - Current
- o   BoilerCode Mentor   April 2017 - Current
- o   Purdue Hackers   Nov 2016 - Current
- o   Computer Science Women's Network   Sept 2016 - Current
- o   iOS Development Club   Sept 2016 - Current
- o   Gamma Phi Beta Sorority, Technology and Computer Chair   Aug 2016 - Current

Community Service:

Mentoring Aspiring Girls in Computing, *West Lafayette, IN*   Dec 2016 - Current
- o   Lead weekly sessions at local high schools to teach young girls about math and computer science
- o   Planned and organized weekly sessions and other events for student education and benefit

National Charity League, *Los Gatos, CA*   Feb 2010 - Mar 2016
- o   Positions: Recording Secretary, Treasurer, and Council Representative
- o   Received the Bronze Presidential Service Award from President Obama for 3 years
- o   Served the Bay Area community by working with organizations such as Special Olympics, American Cancer Society, and Operation Care and Comfort