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# Heidi Anderson

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## Education:

**Purdue University, West Lafayette, IN**

- Bachelor of Science in Computer Science
- Focusing on Machine Intelligence and Unmanned Aerial Systems

**Expected: May 2020**

**Cumulative GPA: 3.05**

## Skills and Relevant Courses:

**Skills** ○ HTML/CSS/Javascript ○ Python ○ Java ○ C ○ C++ ○ Bash Scripting ○ Agile/Scrum

### Course Work

- Problem Solving and Object-Oriented Programming in Java
- Foundations of Computer Science with Hardware and Algorithms
- Programming In C and C++
- Systems Programming with C, Shell Scripting, and Network Concurrency
- Basic Aircraft Science

## Work Experience:

**Rockwell Collins, Cedar Rapids, IA**

Software Engineering Intern

May – Aug 2018

- Used C++ to modified company flight management software for a semi-autonomous fixed wing drone
- Worked with two other teams to integrate each experimental project onto one physical system
- Used Agile process to delegate work to meet summer deadline for presentation to company executives
- Summer Engineering Project Program (SEPP) – desc from mckenna

**Purdue University, West Lafayette, IN**

CS180x Undergraduate Teaching Assistant

Nov 2017 – Current

- Aided national 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 Undergraduate Teaching Assistant

Aug 2017 – Current

- 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**

Xtern Bootcamp

June 2017

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

## Campus Involvement:

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

## Community Service:

**Mentoring Aspiring Girls in Computing, West Lafayette, IN**

Dec 2016 - Current

- 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 student education and benefit

**National Charity League, Los Gatos, CA**

Feb 2010 - Mar 2016

- Positions: Recording Secretary, Treasurer, and Council Representative
- Received the Bronze Presidential Service Award from President Obama for 3 years
- Served the Bay Area community by working with organizations such as Special Olympics, American Cancer Society, and Operation Care and Comfort