

# Heidi Anderson

Email: [ander788@purdue.edu](mailto:ander788@purdue.edu)

Cell: 1(408)493-3116

[www.heidianderson.online](http://www.heidianderson.online)

**Programing Skills:** Java(advanced),  
HTML(advanced), CSS(advanced),  
C(advanced), Python(proficient),  
JQuery(proficient), C++(intermediate),  
Javascript(advanced),  
React.js(intermediate)

## Education:

Purdue University, West Lafayette, IN

Expected May 2020

- *Bachelor of Computer Science, minoring in Unmanned Aerial Systems*

Major GPA: 3.19

- *Current sophomore focusing in Machine Intelligence*

## Skills and Relevant Courses:

Foundations of Computer Science and Algorithms

- *Learned programming practices, models, and theory behind algorithms and mathematical analysis*
- *Worked on project about efficient percolation methodology; homework related to sorting and proofs*

Programming In C/C++

- *Used C and C++ to create a deeper understanding of programming ideals and algorithms*
- *Worked with data structures such as arrays and linked lists to create a chat room*

Problem Solving and Object-Oriented Programming

- *Practiced Java and utilized it to create projects and practice techniques and standards*
- *Created android app to learn phone development and implementation*

## Work Experience:

Purdue CS18000 Undergraduate Teaching Assistant, West Lafayette, IN

Aug 2017 – Current

- *Teach and aid students while they work on Java projects and labs*
- *Work with other UTAs and GTAs as a team to accomplish the daily section goals*

TechPoint: Xtern Bootcamp, Indianapolis, IN

June 2017

- *Practiced HTML, CSS, and Javascript skills to solidify base knowledge to grow from*
- *Learned React.js along with Visual Studios to work on web projects of lists and a note taking application*
- *Took training class for Agile and Scrum through beLithe*

## Projects:

Down Write Smart (Boilermake Hackathon)

April 2017

- *Created a website to promote writing skills in young students to boost confidence and understanding*
- *Used AWS, PHP, MySQL, HTML, CSS, Bootstrap to design the website and work with the database*

See [Github.com/PacificWord70](https://github.com/PacificWord70) for more projects and their details

## Campus Involvement:

- *Gamma Phi Beta, Technology and Computer Chair*

Aug 2016 - Current

- *Computer Science Women's Network*

Sept 2016 - Current

- *iOS Development Club*

Sept 2016 - Current

- *Purdue Hackers*

Nov 2016 - Current

- *Mentors for Aspiring Girls in Computing*

Dec 2016 - Current

- *Purdue University Dance Marathon: Productions Committee*

Feb 2016 – Current

- *BoilerCode Mentor*

April 2017 - Current

- *Sigma Alpha Pi: The National Society of Leadership and Success*

Aug 2017 - Current

- *Peer-2-Peer Mentor*

Aug 2017 - Current

## Community Service:

National Charity League, Los Gatos, CA

Feb 2010 - Mar 2016

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

Brazil Immersion Trip, Campiñas, Brazil

June 2015

- *Worked with local high school students to aid children, the elderly, and terminally ill in their area*