

EDUCATION

West Lafayette, IN	Purdue University	May 2018
<ul style="list-style-type: none">• BSc, Computer Science, concentrations in Machine Learning and Software Engineering.• Ignite Mentor. Mentoring a college freshman through the first semester and guiding her through an individual project.• Anvil leadership team. Contributing to the growth and development of the hub of Purdue's "start-up" shack and tech hub.• BoilerCode Mentor. Involved in mentoring middle school kids through creating an android app for a day long hackathon.		

PROFESSIONAL EXPERIENCE

Purdue University	Web Developer	Present
<ul style="list-style-type: none">• Building a web application for the Graphics Department at Purdue University to showcase tools created to manipulate and visualize WUDAPT city based data.		
Studio by Purdue	Software Developer intern	Summer 2016
<ul style="list-style-type: none">• Implemented UI changes and created additional functionality on the front-end using AngularJS for Purdue's proprietary time management application, Pattern.• Developed new features as part of the android team for a new release on e-portfolio and learning system, Passport.• Member of Development team, produced three releases over the summer.		
Purdue University	Teaching Assistant (10hrs/wk)	Fall 2015 – Present
<ul style="list-style-type: none">• Courses: CS Tools course (CS190), Virtual Reality Applications (CS390VRA)• Recommended as one of four TA's to lead CS390VRA after completing the pilot course.• Grading labs and coordinating logistics for class assignments and equipment.		
Purdue University	Tutor	Fall 2015 - Present
<ul style="list-style-type: none">• Course: Object Oriented Programming in JAVA (CS180)• Assist students with class projects and assignments for the object oriented programming class.		

PROJECTS

- **Alfred**. Currently working on multiplatform chat-bot that works as a *personal assistant* which is connected to services such as Uber, Google stack etc. allowing users to *talk* to systems (**nodeJS**).
- **Vinci (CS307-ongoing)**. Working on a team of 5 to build an *improved Prisma clone* integrated into Facebook messenger, allowing users to get artistic renderings of their images. In charge of the NLP and user interaction to create a versatile bot fast enough to reply within 3-4 seconds (**Python/Django**).
- **VR Batman Game**. Built a virtual reality game on the Oculus platform in a team of three. Created fight animations and programmed nemesis bots over three levels (**UnrealEngine4, C++**).
- **MoodLoop**. Developed an android app allowing users to loop sections of a song indefinitely. Optimized UI performance by using view holders for lists (**JAVA, Android SDK**).
- **Flight Finder**. Created a program which given flight costs, finds the cheapest possible travel option. Employed Dijkstra's shortest path to find cheapest costs in $O(n^2)$ time (**C++**).
- **Term Finder**. Developed a search algorithm that finds a specified word over a character matrix using a stack to keep track of every next character's position (**C++**).

SKILLS

Programming Languages: C/C++, Java, Octave, Python.

Scripting Languages: Javascript, Shell scripting.

Frameworks: Android, Django, Messenger Bot Framework, AngularJS, nodeJS