

# DHRITI CHAWLA

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## RELEVANT EXPERIENCE:

### **Facebook University, Android TA** May - July 2018

*CodePath, Menlo Park, CA*

- In class technical support to students on labs and assignments.
- Mentorship to students throughout the 3 weeks of instruction.
- Answering questions in the discussing system

### **Lead Undergraduate TA** Sept 2017 - present

*CS 177, Purdue University, West Lafayette, IN*

- Working with faculty and graduate teaching assistants to help students with Python programming language.
- Duties include leading lab sessions, grading assignments and assisting students during lab and help sessions.

### **Summer Intern** July - August 2017

*Ernst & Young, Gurgaon, India*

- Worked with the auditing team at the company and analyzed electricity and diesel expenses across locations to identify potential cost saving opportunities.

## PROJECTS:

### ***graduater*** 2018

An iOS application designed specifically for Purdue students to help them find courses & professors, buy/ sell books, look up tutors nearby, chat with students & tutors, view on-campus events.

- Using Purdue.io API to get course & professor information
- Implementing Firebase backend to store user profiles, ratings and other user data

### ***Flix*** 2018

An iOS application that displays the latest top-rated movies in theatres

- Used The Movie Database API to get data
- Implemented networking using CocoaPods

### ***r3mind.me*** 2018

A web application to allow users to set reminders for tasks & events

- Using node.js for the backend & HTML, CSS for the frontend
- Twilio API to send automated texts & calls at specified time
- Used firebase to store user information

## CLUBS AND ORGANISATIONS:

- Computer Science Women's Network, Secretary 2018 - present
- Ms. Tech, Internal Relations/ Logistics 2018 - present
- Purdue Hackers, Member 2016 - present

## OBJECTIVE:

Seeking an internship that will allow me to apply my knowledge and skillset in a position where my work will have a significant impact.

## EDUCATION:

Purdue University Class of 2020  
*West Lafayette, IN*

Bachelor of Science in **Computer Science** with a minor in **Mathematics**

**Relevant coursework:** Data Structures and Algorithms, iOS Development in Swift, Software Engineering I, Systems Programming, Computer Architecture, Foundations of Computer Science, Programming in C, Problem Solving and Object-Oriented Programming

**Current Coursework:** Introduction To The Analysis Of Algorithms, Information Systems

## TECHNICAL SKILLS:

### ***Programming Languages:***

C++, C, JAVA, HTML, SQL, CSS, Python, Swift, ARM Assembly

### ***Tools:***

Microsoft Office, GitHub, Vim, IntelliJ IDE, Xcode, Mac OS, Illustrator, Android Studio