DHRITI *CHAWLA*

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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:

Bachelor of Science in Computer Science with a minor in Mathematics   *Aug 2016 – May 2020*
Purdue University – West Lafayette, IN, USA   GPA: 3.29

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

WORK EXPERIENCE

Purdue University, West Lafayette, IN - *Lead Undergraduate TA*   *Sept 2017 - present*
- 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.

Ernst & Young, Gurgaon, India - *Summer Intern*   *July 2017- Aug 2017*
- Worked with the auditing team at the company and analyzed electricity and diesel expenses across locations to identify potential cost saving opportunities.

PROJECTS

graduatR   *2018 – present*

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*

iOS application that displays top-rated movies in the 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, *Member*   *2018 - present*
- Computer Science Women's Network, *Corporate Liaison*   *2017 - 2018*
- Purdue Hackers, *Member*   *2016 - present*

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