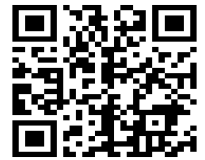


# Tushar Chawla

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## Education

### COMPUTER SCIENCE | DREXEL UNIVERSITY

- Bachelor of Science in Computer Science (Dean's List)
- Specialization: Artificial Intelligence & Data Structures

Anticipated Graduation: June 2019  
GPA: 3.76

## Skills & Abilities

- **Programming Languages:** Java, Python, HTML, CSS, JavaScript, C#, C++, Bash
- **Tools:** Android Studio, Visual Studio, React, React Native, Git, Bootstrap, Django, Angular2, Flask, Realm DB, Ionic framework

## Experience

### Software Developer | Drexel University

January 2016 - Present

- Collaborating with Children's Hospital of Philadelphia to beta release a production level app (TYS) with 50+ installs
- Architecting, Developing and Testing customized android applications (CCI Checker, CCI Scheduler) to automate the IT helpdesk work flow
- Working with Senior Developer for server-side implementation of the apps

### Software Developer Co-op | Susquehanna International Group LLP

#### Internship II

April 2018 – September 2018

- Released an Email Monitoring System to get the attention of the developers in case of production bugs
- Stamped and recorded then market prices in the order ticketing system for data analysis
- Added live market data listening feature, real time risk and profit calculation on existing orders

#### Internship I

April 2017 – September 2017

- Exclusively deployed a production level user interactive Web App to manage databases in order to simplify complex interactions
- Worked closely with traders to deliver a user interactive Angular 2 Web App that adds transparency to the flow of bond pricing
- Implemented a queryable Web API to handle large data-set transfer on .NET framework

## Projects

TYS	CCI Checker	FlickDeals	Busbuddy	Other Projects
<ul style="list-style-type: none"><li>• Reminds and tracks medication intake and refills. Has user based reward system to increase user interaction <b>(Android Studio)</b></li><li>• Features such as offline/online sync, location based reminders help patients take medication on time</li></ul>	<ul style="list-style-type: none"><li>• Used by helpdesk staff for recording opening up and closing up data for the classrooms <b>(Android Studio)</b></li><li>• Worked with Google Cloud vision API, Django REST framework, and SQL database</li></ul>	<ul style="list-style-type: none"><li>• Connects businesses with consumers through deals using a mobile application in a developing country <b>(React Native)</b></li><li>• Used Node.js, MongoDB and React Native</li></ul>	<ul style="list-style-type: none"><li>• Real-time tracking of the Drexel Shuttle to notify the students <b>(Ionic Framework)</b></li><li>• Used Firebase API and Google API to put the route for the Drexel shuttle on the google map</li></ul>	<ul style="list-style-type: none"><li>• iFamily Alexa App</li><li>• Helping Hands</li><li>• CCI Scheduler</li><li>• AI Related:<ul style="list-style-type: none"><li>• Cybernatic Automata</li><li>• Othello</li><li>• Brick Puzzle game</li></ul></li></ul>

## Activities

- **Organizations:** Android Meetup (GDG Philly Alliance), Dragonhacks
- **Hackathons:**

