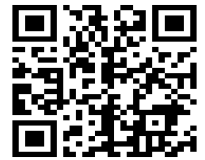# Tushar Chawla

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Education

COMPUTER SCIENCE | DREXEL UNIVERSITY

· Bachelor of Science in Computer Science
· Dean's List

Anticipated Graduation: June 2019
Cumulative GPA: 3.73

Skills & Abilities

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

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 for the apps

Software Developer Co-op | Susquehanna International Group LLP

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 to add transparency to the flow of bond pricing
· Implemented a queryable Web API to handle large data-set transfer on .NET framework

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

Projects

TYS	FlickDeals	iFamily Alexa App	Busbuddy	CCI Checker
•Reminds and tracks medication intake and refills. Has user based reward system to increase user interaction **(Android Studio)**	• Connects businesses with consumers through deals using a mobile appliation in a developing country **(React Native)**	•Connects family members to be able to grab their social media updates, location, calendar events and more **(AWS Lamda/JS)**	• Real-time tracking of the Drexel Shuttle to notify the students **(Ionic Framework)**	•Used by helpdesk staff for recording opening up and closing up data for the classrooms **(Android Studio)**
•Features such as offline/online sync, location based reminders help patients take medication on time	•Used Node.js, MongoDB and React Native	• Used Google Calendar API, Google Maps API, Twilio API, Twitter API, Cordova Geolocation	• Used Firebase API and Google API to put the route for the Drexel shuttle on the google map	•Worked with Google Cloud vision API, Django REST framework, and SQL database

Activities

· **Organizations:** Android Meetup (GDG Philly Allicance), Dragonhacks
· **Hackathons:**

Philly Codefest 2015 Bus Buddy (Top 10)	PennApps XIV 2016 Helping Hands	Pointhacks 2016 Drexel Rating App (Winner)	Philly Codefest 2016 iFamily Alexa (Winnder)	Senior Design 2018 FlickDeals