

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:** Python, Java, 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	FlickDeals	iFamily Alexa App	CCI Checker	Other Projects
<ul style="list-style-type: none">• Reminds and tracks medication intake and refills. Has user based reward system to increase user interaction (Android Studio)• Features such as offline/online sync, location based reminders help patients take medication on time	<ul style="list-style-type: none">• Connects businesses with consumers through deals using a mobile application in a developing country (React Native)• Used Node.js, MongoDB and React Native	<ul style="list-style-type: none">• Connects family members to be able to grab their social media updates, location, calendar events and more (AWS Lamda/JS)• Used Google Calendar API, Google Maps API, Twilio API, Twitter API, Cordova Geolocation	<ul style="list-style-type: none">• Used by helpdesk staff for recording opening up and closing up data for the classrooms (Android Studio)• Worked with Google Cloud vision API, Django REST framework, and SQL database	<ul style="list-style-type: none">• Busbuddy• Helping Hands• CCI Scheduler• AI Related:<ul style="list-style-type: none">• Cybernatic Automata• Othello• Brick Puzzle game

Activities

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

