

# Shovon Hossain

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## Education & Skills

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### Georgia State University

Computer Science, December 2016

GPA 3.11

**Relevant courses:** Algorithms, Database Systems, Software Engineering, Programming Language Concepts

### Languages

Comfortable: Java, C#, JavaScript, XML

Familiar: Python, CSS, HTML, SQL, SQLite

### Udacity Courses

Developing Android Apps

Advanced Android App Development

Designing RESTful APIs

### Technologies

Comfortable: Android, REST, JSON, Firebase, Git, Unity

Familiar: JavaFX, Flask, Vagrant

## Applications Developed

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### TrainTimes - <https://goo.gl/f2lkDS>

Uses MARTA's realtime api to display the time remaining till the next train arrives. Stations can be added and removed from the main screen which uses a view pager to conveniently display relevant data at start up.

### Cubeplosion - <https://goo.gl/4t1zBo>

An arcade style tap-to-shoot game featuring Unidentified Flying Cubes which must be destroyed. Assembled using multiple manager objects each of which operates its own area of the game such as sound, enemies, UI, and game play.

### Project 10

An app created for a project in the class Math Models for Computer Science. This app takes 5 three dimensional points as input from the user and applies various calculus and linear algebra equations to calculate and display information related to vectors and planes.

### Mooveez - <https://goo.gl/UWISTc>

On the first day of each month, this app displays a notification. Upon clicking on the notification, the app pulls data from TMDb and displays posters of all movies releasing that month and also provides other relevant details.

### Empty Fridge

Created for the course Windowing Systems Programming, this app serves as a digital shopping list. It uses Firebase's real time database to sync the lists of multiple users via their google accounts.

### Married Young Promo App

Developed with a team of 4 others in the Software Engineering course. This serves as a promotional app for the indie movie "Married Young". Users shake their phones to interact with an animated character from the movie.