

Dhrubajit Paul Chowdhury

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EDUCATION

Singapore University of Technology and Design, **Expected Grad: Aug 2016**
- Bachelor of Engineering in Information Systems Technology and Design with honors
- Dual Focus Track: Artificial Intelligence and Business Analytics

PROFESSIONAL EXPERIENCE

Tinkerbox Studios Pte. Ltd., Intern **Apr 2015-Aug 2015**

- Used the Ruby on Rails framework to successfully develop a web app from scratch for a sports coach booking platform
- Implemented the CSS based on designer's design to fulfil client's requirements
- Implemented TDD and Agile methodologies to deliver the project

Western Digital, Intern **Jun 2014-Aug 2014**

- Developed a prototype with Python to monitor hard disk performance and alert user of abnormalities
- Used .Net framework and ironPython to create the UI component of the software

ACADEMIC PROJECTS

SUTD-MIT International Design Center: Souschef – IOT **Jan 2016-Present**

- Make an Android app for Souschef, a smart kitchen ingredient dispensing machine which,
- Communicates via Bluetooth with an Arduino module inside the machine
- Stores and share recipes among different users
- Remotely access the device and add or update the recipes

Android Game Project **Jan 2015-Apr 2015**

- Used the libgdx platform to develop a multiplayer turn based concurrent game on multiple devices
- Implemented multiplayer data transfer with the help of Google Play API

Android App Project **Dec 2014**

- Designed and implemented an android travel app incorporating google maps where the locations were displayed as pins and the shortest path was highlighted
- Implemented the best possible route algorithm given a set of locations the user wishes to visit
- App created was considered the best among 7 teams who also created their own versions of the same app

COMPETITION:

AUVSI Maritime Robotx Challenge - International maritime robotics competition **Oct 2014**

- Developed the navigation of the robot vessel with the help of an onboard GPS and compass which helped it to navigate in the sea through the given path

Skills

Java, Python, C++, Objective-C, Ruby on Rails, HTML, CSS, Javascript, SQL, Android, Libgdx, Unity, Git

CO-CURRICULAR ACTIVITIES

- SUTD Billiards Club** **May 2014-May 2015**
 - Active member; was part of team selected for Singapore University Games 2014
- SUTD Indian Cultural Club: Key Performer** **Aug 2013-Present**
 - Play the guitar and the bass; Performed in campus and off campus on different occasions

Additional Information

Languages:

- English** | Full Professional Proficiency
- Bengali** | Full Professional Proficiency

Hobbies: Reading, Skating, Music, Cycling