

# DIANE TRAN

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## Skills

Technical Languages:

Java, C#, Python,

HTML, XML, CSS, JSON

Technologies: **Agile Development processes, Microsoft Team Foundation**

**Server, Microsoft Share Point, Microsoft Visual Studios, Microsoft Bot**

**Framework, Bot Emulator, LUIS, Dialog Flow, and Alexa SDK**

## Experience

### **Application Developer Co-Op / UPS Innovation Center, Parsippany** (MAY 2018 – PRESENT)

- Enhance and implement features to UPS Chat Bot on Alexa, Google, Skype, and Facebook channels
- Create and train intents on LUIS, Dialog Flow, and Alexa Skills Development Kit

### **Research Assistant / Rutgers University, Piscataway** (JAN 2018 – PRESENT)

- Trace taxi data in Beijing to model patterns and research how they can help solve city sized problems
- Utilize Processing and PnPoly to plot 10,000 cellphone coordinates to 6 maps, overlaid maps, and remove points laying outside of map boundary

## Projects

### **2048 APP / Connect the blocks until they reach 2048**

- Used **Android Studio** to implement continuously spawned blocks on user swipe
- Upon swipe, all blocks move to farthest side of swipe. Like blocks combine and upgrade

### **SPONTANEOUS DATE BOT / Talk to this bot to decide where to go**

- Utilized **MS Bot Framework** to implement interactive bot
- Provides card carousel of 3 date locations, pictures, descriptions, and links based on user's preferences

## Education

(2017-2021)

### **Computer Science: Bachelor of Science / Rutgers University, New Brunswick**

GPA: 3.3

Douglass Residential College

## Activities

### **Community Director / Undergraduate Student Alliance of Computer Scientists**

Organize events and foster friendly, diverse environment. Grow and maintain 6 media platforms.

\*Special Endeavors: Women's Sleepover featuring 4 different women in tech orgs (STEAM, WICS, WITI, and USACS)

### **Event Coordinator / Rutgers Mobile App Development**

Grow the community and spread awareness. Organize social events. Outreach to companies for tech trips.

\*Special Endeavors: Technical Involvement Fair featuring 15 different Rutgers CS related organizations

### **Representative / Douglass Living-Learning Community for Women in Computer Science**

Organized social events and technical tour for 20 women. Exposed to on campus CS organizations & opportunities