

# DIANE TRAN

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## Skills

### Technical Languages:

Java, C#, Python, HTML,

XML, CSS, JSON

### Technologies: 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 SDK. Created and called APIs.

### 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, and excess remove points in python

## Projects

### 2048 APP / Summer 2018

- Implemented a single-player sliding block puzzle game
- Objective is to slide numbered tiles on a grid to combine them to create a tile with the number **2048**

### SPONTANEOUS DATE BOT / Summer 2018

- Utilized **MS Bot Framework** to implement interactive bot which collects user data through conversation
- Bot returns a card carousel of top 3 locations with image, desc., and link, best matching the user's responses

## 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

Plan community 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

Coordinate varied mobile app workshops targeting freshmen. Outreach to tech companies to plan tours and 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