Ruan Jude Angelo Jamolod

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EDUCATION

Rutgers University, Honors College: School of Arts and Sciences **New Brunswick, NJ**
B.S. in Computer Science and B.S. in Cognitive Science *Expected May 2023*
- *GPA*: 3.93
- *Awards:* Deans List (Fall/Spring 2019, Fall 2020)
- *Coursework*: Calculus I-II, Computer Architecture, Concepts in Cognitive Science, Data Structures, Discrete Structures I/II, Intro to Cognitive Science, Intro to Linguistics, Linear Algebra, Systems Programming

Freehold High School **Freehold, NJ**
Graduate of the Computer Science Magnet Program *Rank: 18/~350; GPA: 5.00*

WORK EXPERIENCE

Break Ministry **Iselin, NJ**
Tech Intern *May 2020-Present*
- Update the Break Ministry website with functionalities that will help users (Flask, etc.)
- Continually look for technological solutions to help 20+ Break Ministry members access materials easier and complete tasks more efficiently
- Developed Google Script code connecting Google Suite applications to automate administration process

PROJECTS

Sudoku Puzzle Solver/Generator – Python, MySQL **January 2021**
- Developing a Sudoku application that properly solves, creates, ranks, and stores Sudoku board puzzles using backtracking
- Implementing computer vision component which accepts pictures of Sudoku boards and, through the use of TensorFlow and Keras, deciphers/solves the given board

Break Ministry Website – Python, HTML/CSS, JavaScript **June 2020**
- Developing a website that provides useful information about the ministry to possible partners, members, and clients
- Implementing Flask functionalities to allow for special Break membership privileges on the website

Facebook Web Scraper – Python, Google APIs **December 2020**
- Developed a web-scraping tool to retrieve Facebook group members' names and join dates, then place collected data into a Google Sheet. Created to assist in club alumni relations
- Collected and organized data from 300+ Facebook group members using Pandas and Google APIs

ACTIVITIES

Rutgers Association of Philippine Students (RAPS)
Service Chair *April 2020-Present*
- Maintain a connection between 300+ RAPS alumni and the current general body, hosts at least one Alumni event per semester, handle alumni donations, develop relations with charity organizations such as the Advancement of Rural Kids and the PUSO foundation, and attend Asian Student Council meetings
- Moderated and organized two alumni panels covering the tech field and healthcare

Underclassmen Representative *October 2019-April 2020*
- Handled relations between Freshman class and the organization, spearheaded two fundraisers for charity (Advancement for Rural Kids), coordinated with other representatives on promotional videos, shadowed executive board of 18 members and their respective roles, and practiced social media promotion

SKILLS AND INTEREST

Languages: English [Native proficiency], Spanish [Limited working proficiency], Filipino [Limited working proficiency]
Technical Training (by proficiency): Java, C, Python, JavaScript, HTML, CSS, C++, C#, MySQL
Activities/Interests: Basketball, Volleyball, Music - Jazz, R&B, Minesweeper, Rubik's Cube, Anime, Tech