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*: 3.94
- *Awards:* Honors College, 2nd Place HC Forum, Deans List (Fall 2019, Spring/Fall 2020, Spring 2021)
- *Coursework*: Algorithms, Comp. Architecture, Concepts in Cog. Sci., Data Structures, Discrete Structures I/II, Intro to Linguistics, Linear Algebra, Principles of Programming Languages, Software Meth., Systems Prog.

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   *August 2021 (Ongoing)*
- 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 (Ongoing)*
- 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)
President   *April 2021-Present*
- Supervise the direction and growth of the organization. Manage a team of 18 executive board members to coordinate bi-weekly events. Serve as the Underclassmen Representative Program director which fosters professional and personal growth for 6 underclassmen. Oversee the planning and production of three large scale events of up to 800 attendees. Promote Filipinx-American culture and advocate for social issues here and abroad.
Service Chair   *April 2020-April 2021*
- Maintained a connection between 400+ RAPS Alumni and 100+ general body members. Organized six alumni panels covering fields such as Tech, Healthcare, Engineering, etc. Organized fundraising opportunities totaling over $2500 throughout the school year.

SKILLS AND INTEREST

Languages: English [Native proficiency], Spanish [Limited working proficiency], Bisaya [Limited working proficiency]
Technical Training (by proficiency): Java, C, Python, JavaScript, HTML, CSS, C++, C#, MySQL
Activities/Interests: Basketball, Volleyball, PC Building, Minesweeper, Rubik's Cubes, Anime