Ruan Jude Angelo Jamolod

New Brunswick, NJ
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EDUCATION

RUTGERS UNIVERSITY
B.S. in Computer Science
B.S. in Cognitive Science
Expected May 2023 | New Brunswick, NJ
Honors College: School of Arts Sciences
Deans List (Fall 2019 - Fall 2021)
Cum. GPA: 3.85
Major GPA: 3.767 & 3.931

LINKS

Personal:// **Ruan Jamolod**
LinkedIn:// **Ruan Jamolod**
Github:// **ruan-jude**

COURSEWORK

Algorithms
Computer Architecture
Concepts of Concepts in Cog. Sci.
Data Structures
Discrete Structures I/II
Formal Languages Automata
Intro to Artificial Intelligence
Intro to Linguistics
Linear Algebra
Principles of Info. & Databases
Software Methodology
Systems Programming

SKILLS

PROGRAMMING
(By proficiency)
Java • C/C++ • Python • Javascript •
HTML • CSS • C# • MySQL • Scheme •
Prolog • Assembly

TOOLS
Android Studio • Eclipse • Git and Github
• Google Cloud Platform • LaTeX • Linux •
Pandas • SSH • Unity • Vim • VSCode

SOFT SKILLS
Leadership • Public Speaking •
Communication • Team Collaboration

INTERESTS

Basketball • Volleyball • Music • PC
Building • Minesweeper • Rubik's Cubes
• Anime

PROJECTS

SUDOKU PUZZLE SOLVER/GENERATOR | Python, MySQL
August 2021 - Present
- Developing a Sudoku application that properly solves, creates, ranks, and stores Sudoku board puzzles using backtracking.
- Implementing computer vision to accepts pictures of Sudoku boards and, through the use of TensorFlow and Keras, deciphers/solves the given board.
- Utilizing MySQL in order to store created boards for testing.

BREAK MINISTRY WEBSITE | Python, HTML/CSS, JavaScript
June 2020 – Present
- Implementing Flask functionalities to allow for special Break membership privileges on the website.
- Developed a website that provides useful information about the ministry to possible partners, members, and clients.

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.

EXPERIENCE

BREAK MINISTRY | Tech Intern
Iselin, NJ | May 2020 – Present
- Update the Break Ministry website with functionalities that will help users (Flask, etc.).
- Continually look for technological solutions to help 30+ Break Ministry members access materials easier and complete tasks more efficiently.
- Developed Google Script code connecting Google Suite applications to automate administration process.

LEADERSHIP

RUTGERS ASSOCIATION OF PHILIPPINE STUDENTS (RAPS)
President | April 2021 – Present
Supervise the direction and growth of the organization. Manage a team of 24 executive board members to coordinate 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.