

REANNU INSTRELLA

EDUCATION

Bachelor of Science, Computer Science, Expected in 07/2023
University of The Philippines - Diliman - Quezon City, Philippines

- Received [DOST-SEI Merit Scholarship](#)

High School Diploma, 05/2018
Philippine Science High School - Ilocos Region Campus

- Ranked [13 in Class of 80](#)
- Awarded [High Honors](#)
- Director's List [2016-2018](#)

PROFILE SUMMARY

A Computer Science student at the University of the Philippines - Diliman with a strong interest in software development. Proficient in various programming languages such as JavaScript, TypeScript, Python, C, C++, C#, Java, and others. Developed several projects such as NSNP-Simulator, BoredApp, TrendTracker, ColorLock, Plannercord, and others.




EXPERIENCE

Full-stack Developer Intern (June - July 2022)
Interactive Learning Center Diliman
Collaborated with a team for development of a calendar application by implementing new features and functionality including UI design improvements to enhance user experience.

Workshop Leader - Internal Operations (March - May 2021)
Google Developer Student Clubs - UPD Chapter
Led the team in planning and hosting of workshops for the members of the organization.

PSHS Computer Guild - President (2015-2016)
Philippine Science High School - IRC
Spearheaded planning of club events, projects, and competitions as well as hosting workshops in different computer related fields.

IT Customer Support Specialist (2014-2015)
RELI Internet Café
Provided service as a front desk associate in managing customer inquiries, troubleshooting technical issues, and handling point of sale transactions.

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-  +639276094903
-  reannumon123@gmail.com

WEBSITE AND PROFILES

- <https://reannuinstitrella.me>
- <https://github.com/reannu123>
- <https://www.linkedin.com/in/reannu-institrella-a64457139/>

TECHNICAL SKILLS

Databases: MongoDB, MySQL, PostgreSQL, Firebase
Cloud Tech: DigitalOcean, AWS
Source and Version Control: Git, GitHub, GitLab
Languages: Python, C, Java, C#, C++, JavaScript, TypeScript, Kotlin, Dart, Arduino, MIPS
Experience in Node.js, Unity 3D, React, Prisma
Operating Systems: Linux, Windows, Android

AWARDS

DOST-SEI Merit Scholarship, 2018-2023
Awarded a scholarship by the Science Education Institute of the Department of Science and Technology for performance on the qualifying examination which secured financial assistance for the duration of college education.

Graduated with High Honors, 2018
Awarded High Honors for graduating High School with an average of 1.5 or higher which was accomplished by 13 in our class of 80.

PERSONAL AND GROUP PROJECTS

FireRPS

- A real-time Multi-player Rock Paper Scissors game
- Uses React, Express, and Firebase Realtime Database
- Can be accessed here <https://reannuinstrella.me/rps-firebase/>

BoredApp

- A WIP CRUD Task App with authentication
- Uses the MERN stack and the Bored API
- MongoDB, ReactJS, Express, NodeJS
- Can be accessed here <https://reannuinstrella.me/BoredApp/>

NSNP-Simulation

- A Numerical Spiking Neural P System visual simulator
- A WIP Simulator for a Computational Model in Theoretical Computer science - Membrane Computing built using React JS and Cytoscape
- As part of a completion requirement for our research under Algorithms and Complexity Laboratory in the Department of Computer Science in UP Diliman
- Can be accessed here <https://nsnp.snapse.website/>

TrendTracker

- A WIP Product demand forecasting tool
- Headed the Frontend for our Innovation and Technopreneurship Course
- Uses React and Django

Plannercord

- Administrator Discord Bot
- Headed the group project for our Software Engineering Course
- Used Discord API to create an assistant chatbot.
- Used MongoDB as the NoSQL database.

ColorLock

- Interactive Encryption Tool
- Headed the User Interface design
- Used Python and Pyglet for the UI engine

Flappy Physics

- Interactive Physics Simulator written in Java
- Headed Main Development

OTHER SKILLS

Analytical Thinking
Eagerness to Learn New Technologies
Team Collaboration
Avid Learner
IT Support
Office suite proficiency
Troubleshooting
Agile and Scrum

INTERESTS

- Game Development
- Web Development
- App Development
- Widening knowledge and improving technical skills
- Tinkering with Electronic Devices