Jonas R. Atienza

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Education

University of the Philippines Los Baños **February 2022 - August 2024**
Bachelor of Science in Computer Science *1.7715, ICS Honor Roll*

University of the Philippines Los Baños **September 2020 - January 2022**
Bachelor of Science in Agriculture

Sta. Teresa College **June 2015 - June 2020**
High School - STEM *With Honors*

Work Experience

Creatizens Corp. **August 2024 – present**
Full Stack Developer *Hybrid*

- Responsible for stress testing the infrastructure primarily using **Artillery**
- Created a bespoke rules engine processor for an in-house transaction monitoring system

TimeFree Innovations, Inc. **July 2023 – August 2023**
Software Development Intern *Remote*

- Did wireframing and functional mockups through **Figma**
- Used **Angular** and the **PrimeNG** library for UI development
- Used **Git** and **GitHub** for version control
- Got the opportunity to work on an actual software engineering project for a Loan Management System.

Freelance **May 2023**
Arduino Developer

- Built an IoT hydroponics system using Arduino UNO R3, PH-4502C pH Sensor, and DFR0300 EC Sensor

Projects

PARA!

- PARA! is a two-part system comprising a GTFS management web app and a cross-platform commute routing assistant.
- Developed this project to fulfill my undergraduate capstone requirement.

Other notable undergraduate projects. **Source Code**

- A collection of projects that I've done during my undergraduate years.

Financia Kings - Loan Management System (SPA)

- The project I worked on while I was an intern on TimeFree Innovations, Inc.

Technical Skills

Languages: C, C++, C#, Python, Go, Java, JavaScript, R, COBOL, Intel x86 Assembly, Dart/Flutter, Arduino
Backend: Node.js, Express.js, Deno, Go
Frontend: React, Angular, MUI, PrimeNG TailwindCSS, HTML, CSS
Cloud & Databases: Google Cloud Platform, Docker, MariaDB, MongoDB, PostgreSQL, SQLite
Developer Tools: Vim, VS Code, Zed, Git, GDB, IDA Pro, Ghidra, Valgrind, Artillery
Research Interests: Cybersecurity, Operating Systems, GIS, Computer Networking

Algorithmic Competitions/Achievements

- Qualified in the **top 10 finalists** for **Trend Micro's Trend uCTF**, under UPLB ICS SRG's **CLK_TCK**.
- Qualified in the **top 20 finalists** for **UP ACM Algolympics**, under **UPLB Eliens - Fertility Tree**
- Member, **The Honor Society of Phi Kappa Phi**.