Julian Mendoza
Phone: (613)-200-9869

2358 Riley Avenue
Ottawa, Ontario, K2C1J9

Email: julianjohnmendoza@gmail.com
LinkedIn: linkedin.com/in/julianjohnmendoza

EDUCATION
Bachelor of Engineering, Software Engineering   **2017– Present**
Carleton University, Ottawa, ON.
- Third Year Standing, GPA: 10.9/12
- Attained Dean's Honor List throughout all semesters
- Year of Graduation: 2021

EXPERIENCE
Carleton University – *Teaching Assistant*   September 2019 – Present
- Course: Fundamentals of Engineering I (ECOR 1051)
- Teach the basics of programming to first year students in Python
- Supervised and mentored three different lab sessions each week

St. Paul High School – *High School Tutor*   September 2015 – June 2017
- Designed worksheets and study guide to challenge and assess student's knowledge in mathematics and science
- Committed to the afterschool program to teach individuals twice a week

APPLIED PROJECTS
Software Design Project   September 2019
- Object-Oriented design of the board game, JUMPIN™. Features include a solver using a min/max algorithm, modern GUI design and a level loader and builder
- Source code available at: https://github.com/JulianMendoza/JumpIN.

Climate Change Project   August 2019
- Conducted research on current technologies that are being used to reduce carbon emissions such as: biochar, bike filters and carbon capturing storages

Reverse Engineering Project   December 2017
- Redesigned a simple wall socket frame into a practical charging station, created engineering drawings using CREO

TECHNICAL SKILLS
Programming Languages: C++, C, Java, Python, HTML 5, CSS, JavaScript, PHP, MATLAB
- Strong understanding of algorithms and data structures
- Ability to implement design patterns, effectively use test-driven development and version control
- Solid foundation of discrete mathematics, excelled in calculus and probability and statistics
- Knowledge of ARM architecture, Computer Communications and Web-development

Applications: GitHub, Eclipse, Wireshark, Microsoft Word, Excel, PowerPoint, Adobe Photoshop
- Developed team projects using industry-grade software and contributed to open-source projects
- Analyzed network protocols and their respective frame layout using Wireshark

COMMUNICATION SKILLS
- Obtained an Ontario French immersion certificate by communicating, interacting and thinking critically in French
- Conducted multiple oral presentations on explaining technical engineering concepts to a non-technical audience

OTHER EXPERIENCE
Tony Capone's – *Line Cook*   August 2017- May 2018
- Retained knowledge of menu items in a short notice
- Cooperated in a team environment to deliver food efficiently

McDonald's – *Crew Member*   December 2016 – August 2017
- Provided excellent customer service as a front cashier