

# Froilan Sam S. Malibiran

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## Education

### Polytechnic University of the Philippines

Candidate for Bachelor of Science in Information Technology; President's Lister

Sta. Mesa, Manila, PH

June 2015 – April 2019 (expected)

### Gentle Angels School

Leader of the Year; Academic Excellence Awardee; Valedictorian

Marikina City, NCR, PH

June 2011- March 2015

## Skills and Relevant Coursework

**Computer and Programming Languages:** Prior experience in C, COBOL, Java, SQL, JavaScript, Git, HTML, CSS

**Frameworks and Libraries:** Prior Experience in NodeJS, ExpressJs, PUG, React-Native. Knowledge in ReactJs, Koajs

**Database:** Proficient in MySQL

**Tools:** Proficient in MS Word, MS Powerpoint, MS Access, Adobe Photoshop, Adobe Premiere, Adobe Flash

**Relevant Coursework:** Fundamentals of Programming, Accounting Principles, Discrete Structures , Integrated Application Software, Object-Oriented Programming, Data and Files Structure, Database Management Systems, Operating Systems, Database Administration, Multimedia, Technical Documentation and Presentation, Principles of Management and Organization, Total Quality Management, Software Engineering, Web Development, Systems Analysis and Design, Mobile Development, Data Analytics, User Experience and Design

## Pre-professional and Academic Projects

### Auction Pride of the Philippines Inc.

October 2017 – Present

Undergraduate Researcher / Project Manager, System Developer

Database Administrator, and Technical Writer

- Analyzing and designing a system that helps execute the business process faster than existing.
- Taking the initiative to code an appraisal tool that uses Machine Learning through regression analysis.
- Programming a forecasting feature that uses Time-Series Analysis that helps the client boost their sales up to 5 times.

### Chaching \$\$ : Gamefied Family Savings Application

November 2018

Participant / Software Developer, Pitching Speaker

- Brainstormed and developed an application within 24 hours that solves the problem of banking ecosystem and financial illiteracy of the youth.
- Spoke in front of more than hundred people and convinced the business units about our startup application.
- Managed to win the 1<sup>st</sup> runner-up award against 50+ teams of students and professionals.

### ISABEL: Traffic Violation Management System

October 2017- April 2017

Undergraduate Researcher / Project Manager, System Developer

and Database Administrator

- Developed a mobile and web-based startup application that could automate and reduce the traffic ticket issuance time by 70% using QR code technology.
- Won the Best System exceeding the initial expectation of application to build with an aggregate of 99.7% in the Software Engineering Course.

### SUYO: Online Workload Barter Startup Application

June 2017 – October 2017

Undergraduate Researcher / System Developer

- Conducted a study about the Polytechnic University of the Philippines' (PUP) students' workload and behavior.
- Developed a web-based startup platform that could help more than 5,000 PUP students barter their workloads with each other.

## Organizations

### Creative Media Arts Society

June 2017 - Present

Video/Photo Editor, Video/Photographer

### PUP I.T. Olympic Team

June 2017

Web Designer

### Office of the Students Affair

June 2011 – March 2015

Vice President

### Journalism Team

June 2013 – March 2015

Feature Writer

## Honors, Awards, and Scholarship

- Commission of Higher Education (CHED) Full Merit Scholar**, CHED NCR Department, August 2015 – Present
- President's Lister**, Polytechnic University of the Philippines, June 2018, GPA 1.34
- Aboitiz/Unionbank Hackathon 1<sup>st</sup> Runner-up Prize Winner**, Aboitiz/ Unionbank, November 2018
- Best System in Software Engineering Course**, Polytechnic University of the Philippines, April 2018
- Best System and Defender in COBOL Language Course**, Polytechnic University of the Philippines, October 2016
- Valedictorian**, Gentle Angels School, March 2015
- Student of the Year**, Gentle Angels School, March 2015
- Leadership Award**, Gentle Angels School, March 2015
- WCC's Excellence Awardee**, Gentle Angels School, March 2015