

KEMUEL T. GERMONES

BS Civil Engineering, Technological Institute of the Philippines – Manila

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Portfolio: <https://portfolio-6a152.web.app>

OBJECTIVE

To establish a career in software engineering where I can demonstrate the learning outcomes of a self-taught developer and the Civil Engineering program of the Technological Institute of the Philippines (TIP), a program accredited by the US-based outcomes-oriented ABET (Accreditation Board of Engineering and Technology), Engineering Accreditation Commission.

PROJECTS COMPLETED/ DEVELOPED

- Unexplained – is an online forum web application built with Node.js, Express.js and MongoDB where users can view posts from different categories. Registered users can also create, edit and delete their own posts and comments.
- AppBlast – is a self-promotion website built with React.js, Node.js, Express.js and MongoDB where users can showcase their work in which other users can also review.
- PlayMath – is a web based game built with React.js that lets users answer different math problems in addition, subtraction, multiplication and division within a minute.

KNOWLEDGE AND SKILLS

- | | |
|--------------|--------------|
| • HTML | • React JS |
| • CSS | • Express JS |
| • Bootstrap | • MongoDB |
| • JavaScript | • Node |

PRACTICUM/ INTERNSHIP

Project Planner/ Estimator,
Technological Institute of the Philippines – Manila,
February 2021 – March 2021

RESEARCHES UNDERTAKEN/ CONDUCTED

- Determination of Factors of Safety (overturning and sliding failure) in Various Dam Orientations Using Visualization of Seepage Flow (HM 169).
- Soil Consistency in Bongabong, Oriental Mindoro.
- The Effect of Cogon Grass (*Imperata Cylindrica*) Fiber to the Compressive Strength as an Admixture to Concrete Cylinder.
- The Comparison of Flow Rate in Various Deflectors.

OTHER KNOWLEDGE AND SKILLS

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|------------|--------------------|
| • AutoCAD | • SAFE |
| • ETABS | • SPcolumn |
| • STAAD | • Adobe XD |
| • SketchUp | • Microsoft Office |

SEMINAR/S AND TRAINING/S ATTENDED

Lecture Series 1, Design of 8 Story Building STAAD,
OptiCAD Training Group,
December 2019

Online Student Development Program (OSDP),
Technological Institute of the Philippines – Manila,
March 2021

EXTRA AND CO-CURRICULAR ENGAGEMENTS, VOLUNTEER WORKS, ACHIEVEMENTS

Dean's Lister 2nd Semester SY 2020–2021