

Ellarizza Fredeluces

ellarizzafredeluces@gmail.com
+639364775273

EDUCATION	University of the Philippines - Diliman , Philippines <i>Bachelor of Science in Geodetic Engineering</i> CWAG: 1.71 (cum laude)	<i>Jul 2020</i>
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PUBLICATION	Performance Evaluation of Low-Cost and Real-Time Multi-GNSS Advanced Demonstration Tool for Orbit and Clock Analysis-Precise Point Positioning (MADOCA-PPP) Receiver Systems <i>Asian Journal of Engineering and Technology</i> with Artur Lagura, Rosalie Reyes, Nobuaki Kubo DOI: https://doi.org/10.24203/ajet.v8i3.6357	<i>Oct 2020</i>
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EMPLOYMENT	Technical Staff Filsite Mapping Solutions <ul style="list-style-type: none">led survey team in establishing right-of-way and centerline of transmission line projectsadministered relocation and topographic surveys and constructed corresponding survey reports and plansresearched lot data records and generated subdivision plans for parcellary survey GNSS Processing Assistant Coastal Sea Level Rise - Philippines (CSLR-Phil) Project, UP Training Center for Applied Geodesy and Photogrammetry <ul style="list-style-type: none">evaluated the accuracy and convergence time of two receiver systems using MADOCA in static PPP and compared them to the performance of survey-grade receiver Student Assistant MADOCA Project, Dept. of Geodetic Engineering <ul style="list-style-type: none">processed and corrected GNSS data from two receivers using MADOCA in RTKLIB Intern AB Surveying and Development <ul style="list-style-type: none">assigned in quality control of subdivision mapssorted water meter locations to be staken out using GNSSconducted bathymetric surveydigitized roads and buildings from LiDAR data	<i>Nov 2020 - Jun 2021</i> <i>Aug 2020</i> <i>Feb 2020</i> <i>Jun - Jul 2019</i>
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CO-CURRICULAR ACTIVITIES	UP LAKAN <i>Chairperson, A.Y. 2019-2020</i> <ul style="list-style-type: none">Led a 60-member university-wide organization to deliver and execute socio-civic and academic projects in Bulacanredesigned and implemented a balanced personal and professional environment to increase members' involvement and efficiency without the expense of their academicsguided the pioneers to establish a new chapter in UP Manila	<i>Dec 2015 - Present</i>
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