**DARWIN**

**REGISTERED MECHANICAL ENGINEER**



**Personal Info**

• Birth date • Citizenship **August 28, 1991Filipino**

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• Sex • Civil Status

**Male**  **Single**

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• Height • Weight

**5’ 3”** **121 lbs**

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**Education and License**

**Registered Mechanical Engineer**

***BS in Mechanical Engineering***

**University of Batangas**

Batangas City, Philippines

(March 2013)

[email] : [**darwin.381879@2freemail.com**](mailto:darwin.381879@2freemail.com)

**PROFESSIONAL SUMMARY**

Mechanical engineer with 5 years of experienced as a Mechanical Engineer in design company; with well-honed time management, communication, multitasking, organizational skills and team-oriented who works effectively with all levels of employees to meet company goals.

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**TRAINING& PROFESSIONAL EXPERIENCE**

**Kawasaki Heavy Industries (KHI Design and Technical Services)**

1503-P 15 Floor Five ECOM Center, Pacific Drive MOA COMPLEX,

          Pasay City.

***DESIGN ENGINEER***

Nov 2013 – Feb 2018

Work Experienced

***Duties and Responsibilities:***

* Prepare PDMS (3D) model of different trades of Incineration Plants i.e equipment, Structure, Piping and HVAC.
* PDMS Modeling of different Scaffold around Equipment and in structure including Stairs and Handrail.
* PDMS Modeling of different support for HVAC Duct, Piping and Structure support base on the design of the project.
* Performs Clash checking of Pipe, Equipment, HVAC Ducting.
* Prepares PDMS model of Building Structure, Boiler Structure, Loading Data, Electric Rack, Hoist Trail and Architectural plans.
* Performs Clash Checking of Pipe, Equipment and HVAC Ducting.
* PDMS modeling of Sanitary pipe and fire fighting piping.
* Performs detail drawing of Scaffold, Duct Support including stairs and handrail.(Using 2D autocad)
* Bill of Materials Calculation.

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Overseas Job Experiences:

* Environmental Group (Kumatsu Project, Kusatsu Project, Takatsuki project,Shijonawate project)
* Kawasaki Heavy Industries, Environmental Group, KHI Kobe Works, Kobe Japan in connection with job at KHI Design and Technical Service Inc. Philippines.
* Computing the total weight for plate, channels, angle bar, rectangular hollow section and etc. for the delivery matters.
* Making cutting list for the length of each type. It will be the reference of the site fabrication.
* Using AutoCAD 2D, making cutting plan for the plates. To maximize the quantity and to save cost.
* Making sure the painting system is per client requirement. Checking the base, middle at top coat.
* Summarizing the output data and double checking the result estimation
* Writing reports and documentation.

**Affiliations**

***Philippine Society of Mechanical Engineers***

***(PSME) Member***

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**Character Reference**

*To be furnished upon*

*request*

**Seminar/Training attended:**

***2018 PSME-UAE ACADEMY TECHINCAL SEMINAR***

***Heat Load Calculation-Air conditioning***

***Fire fighting training***

***Kawasaki heavy industries***

-Design a sprinkler system in commercial building and in plant.

-Hydraulic Calculation

-Basic Layout and BOQ

**On-the-Job Training:**

**EEI Corporation**

***Engineering Department***

Bolo Bauan,Batangas, Philippines

* Interpret Piping Drawing.
* Bill of Material Piping Support.
* Autocad 2D operator
* Writing reports and documentation.

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**QUALIFICATION PROFILE**

* Operation of PDMS(3D Modeling) (Plant Design Management System) 11.6 &12.0
* Proficient in Autocad 2D
* Operation of Navisworks Freedom 2014
* Hap4.9(Hourly Analysis Program)
* Basic Knowledge in Heat Load Calculations.
* Microsoft Office – MS Excel, Word, PowerPoint
* Can perform mathematical operations and engineering operations
* Flexible; and easily obtain and process information
* Good communication skills
* Analytical and resourceful
* Proactive and can work under pressure
* Ability to establish and maintain effective working relationship
* Fast learner and willing to undergo training necessary for the job

**Darwin**

**REGISTERED MECHANICAL ENGINEER**