



# BERNARD ALVARADO

**CAD Drafter/ Operator**

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## WORK EXPERIENCE

- **CAD Operator**

***Twozan Surveys***

(June 2019 - Present)

Yanbu, Kingdom of Saudi Arabia.

Project: Yanbu Royal Commission, Urban Planning Department.

(Urban Planning and design, Parcellisation, Road and Parking layouts)

1. Preparation of design drawings for urban planning purposes including site plans, Perspective 3D models, cross-sections and subdivision layouts.
2. Developing accurate subdivision plans from conceptual layouts prepared by designers.
3. Assisting projection of other graphics presentation materials.
4. Develop 3D models by analyzing prototypes and 2D drawings.

- **AUTOCAD Draftsman**

***Combined Group Construction Company***

(September 2016 - September 2018)

Kuwait City, Kuwait.

Project: Al Ghouse Road 5<sup>th</sup> to 6<sup>th</sup> ring Road. RA263.(Construction of New Roads, Bridges and Utilities, Earth Works.)

1. Produce quality Shop Drawing and Design drawings in accordance with contract specifications, and guidelines of project engineers.
2. Resolve discrepancies between original drawings and final CAD designs.
3. Review drawings for completeness and accuracy.
4. Organization and management of plan project maps and plan files.
5. Generate earthwork models and utilize Civil 3D tools to perform quantity calculations.

- **CAD Operator**

*Saudi Bin Laden Group -Architecture and Building Construction Division*

(August 2012 - February 2016)

Riyadh and Dammam, Kingdom of Saudi Arabia

Project: Ministry of Interior Saudi Arabia, Correctional Facilities. (Construction of Roads, channels and utilities. Survey, Earth Works.)

1. Perform boundary calculations and draft surveys using field data, deeds, and other information available.
2. Prepare all types of surveying plats and exhibit drawings utilizing research and the information gathered in the field.
3. Downloads and processes field data, Prepare documents including; Topographic maps, utility and road layout surveys, Boundary surveys
4. Works with Engineers regarding accuracy, drafting standards and design documentation.
5. Produce maps, diagrams, and profiles, using cross-sections and surveys, to represent elevations, topographical contours, subsurface formations and structures.
6. Create maps, diagrams and profiles using Civil 3D design surfaces.

- **Junior Surveyor/ CAD Operator**

*Kajima Corporation (Japan, Turkey metro Joint Venture)*

(December 2005 - December 2011)

Dubai, United Arab Emirates.

Project: Dubai Metro Red and Green Line. (Construction Roads and Utilities, Survey)

1. Performing as-built location surveys, topographic, location and boundary survey as needed.
2. Conducting surveys to ascertain the locations of natural features and structures, underground utilities, alignments using electronic distance measuring equipment and CAD Programs.
3. Provide timely technical assistance and solutions.
4. Preparing engineering drawings for client submittal.

## **EDUCATION**

Education Level: College Degree  
Education Field: Computer Science/Information technology  
Course: Associate in Information Technology  
School/University: Baguio Colleges Foundation *(March 1998 - December 2001)*  
Education Level: College Level (Undergraduate)  
Education Field: Architecture  
Course: Bachelor Degree in Architecture  
School/University: Baguio Colleges Foundation *(Mar 1996 - Mar 1998)*

## **ORGANIZATIONS:**

Saudi Council of Engineers (2019 – Present)  
Category: Technician.

## **SEMINARS:**

BIM in the Era of Connection & Launching of AUTODESK Auto Cad 2018.  
LOGICOM Distribution AE. (December 17, 2017)  
Kuwait City.

## **SKILLS:**

AUTOCAD applications (CIVIL 3D)	Excellent
Trimble Sketch Up, VRAY	Excellent
Adobe Photoshop	Intermediate
MS Office	Intermediate
Survey Equipment (Total Station, Level Machine)	Intermediate

## **PERSONAL INFO:**

Nationality:	Filipino
Date of Birth:	October 21, 1980
Religion:	Roman Catholic