

BISMARCK NATANAUAN LUNA
149 Arnold Drive Apt. 2, West Lafayette, IN 47906
bluna@purdue.edu

CAREER OBJECTIVE

To obtain a challenging career in the field of structural engineering.

EDUCATION

Purdue University
Department of Structural Engineering
MS in Civil Engineering (May 2009 – expected graduation)
Current Grade Point Average (GPA): 4.0

University of the Philippines Diliman
Completed Course Work for MS in Civil Engineering
GPA: 1.278 (1.0 - 5.0 Grading Scale, 1.0 – Highest)

University of the Philippines Los Baños
BS Civil Engineering
GPA: 1.879 (1.0 - 5.0 Grading Scale, 1.0 – Highest)
Academic Honors Received:
College Scholar: 2nd Semester, SY 1996-1997
Honor Roll: 1st and 2nd Semester, SY 1994-1995
1st and 2nd Semester, SY 1995-1996
1st Semester, SY 1996-1997

PROFESSIONAL QUALIFICATION

Professional Engineer (Philippines)
Philippine Civil Engineering Licensure Examination
November 1998 (ranked 19th out of 6,072 examinees all over the country)

WORK EXPERIENCE

Jan. 2008- present Research/Teaching Assistant, Department of Civil Engineering
Purdue University

Currently a teaching assistant in Structural Analysis II (CE 474) and a research assistant for Prof. Ayhan Irfanoglu.

Aug. 2007- Dec. 2007 Teaching Assistant, Department of Mathematics
Purdue University

Taught two sections of algebra and trigonometry (Math 153).

June 1999- May 2005 Instructor
Department of Engineering Science, College of Engineering
University of the Philippines Los Baños

Courses Taught

ENSC 10A	Engineering Graphics
ENSC 10B	Advanced Engineering Graphics (AutoCAD)
ENSC 11&12	Engineering Mechanics (Statics and Dynamics)
ENSC 13	Strength of Materials/Mechanics of Materials

June 1999 - Project Consultant
Oct 2001 RVON Construction and Development Corporation
Tanauan City, Philippines

Involved in the supervision of the development of a residential subdivision.

Jan 1999 - Project Engineer
May 1999 RVON Construction and Development Corporation
Tanauan City, Philippines

Involved in the planning and development of a residential subdivision. Exposed to land preparation and construction of road network, drainage and sewers, and waterworks system. Duties include surveying and the preparation of a topographic map, monitoring daily performance of heavy equipments, and monitoring of road construction. Other duties include preparation of bill of materials and construction estimates. Also involved in the construction of the low-cost model houses.

April - Undergraduate Summer Internship
May 1997 FF Cruz & Company Incorporated
Nichols Interchange, Parañaque, Metro Manila, Philippines

Trained and exposed to actual construction of the foundation, column, and pier head of the Metro Manila Skyway Project.

SKILLS

- Skilled and proficient in manual drafting and computer aided drawing using AutoCAD.
- Proficient in structural and hydraulic design.
- With experience in surveying and construction estimating.

COMPUTER KNOWLEDGE

- Knowledgeable in SAP2000 and STAAD
- Skilled and competent in AutoCAD and MathCAD
- Proficient in Microsoft Windows operating systems and Microsoft Office applications.
- Knowledgeable in Turbo Pascal and C++ programming.
- Knowledgeable in Linux operating system, Apache web server, HTML, PHP and MySQL.
- Knowledgeable in Computer Networking.

MEMBERSHIPS IN ORGANIZATIONS

03/08-present Member, Earthquake Engineering Research Institute, Purdue Student Chapter
09/07-present Student Member, American Institute of Steel Construction Inc.
09/07-present Student Member, American Society of Civil Engineers
09/07-present Member, Purdue ASCE Student Chapter
1999-present Member, Philippine Institute of Civil Engineers

REFERENCE

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