

Curriculum Vitae

ELICOHEN DIMA SAGALA



An energetic, eager to learn fresh graduate who seeks a successful career in a challenging work environment

PERSONAL INFORMATION

Medan, 01st April 1998
 +62 813 7048 1598
 cohensagala@gmail.com
elicohensagala@gmail.com
 Elicohen Dima Sagala
 Jalan Madrid Utara, Tangerang

SOFT SKILLS

Communication

Leadership

Critical Thinking

Adaptability

Teamwork

TECHNICAL SKILLS

Microsoft Office : Advanced
AutoCAD : Intermediate
Sketchup : Advanced
MATLAB : Intermediate
C++ : Beginner
SACS : Intermediate
SAP 2000 : Advanced
Offpipe : Intermediate
Moses : Intermediate
Motum : Intermediate

HOBBIES

Sports : Swimming
Jogging
Music : Keyboard
Singing

EDUCATION BACKGROUND

University : Bandung Institute of Technology
Faculty : Faculty of Civil and Environment Engineering
Major : Ocean Engineering (S1) – Structural Engineer
GPA : 3,52 of Scale 4,00
Final Project Title : Design of Upper Structure Patimban Port with Precast Concrete
TOEFL Prediction Score : 553/677 from BLCI Bandung

WORK EXPERIENCE

December 2019 – July 2020 | Operation Staff – PT. Garuda Kerta Perkasa (startup business)
PT. Garuda Kerta Perkasa is a startup company that was established on 2019 in Majalengka, Jawa Barat and mainly focused on logistic field. Some of my works are:

- Manage and responsible overall operation
- Designing and presenting operation plan and draft budget to the management team
- Responsible for operation cost managing
- Make a weekly operation report to management team
- Providing the administration support both internal and external purposes
- Identify and address problems and opportunities in the field for the company
- Perform sales activities to the prospecting client
- Build alliances and partnership with other organizations
- Support the staff recruitment process
- Support staff communication with the management team

June – August 2018 | Internship at WIKA HK Jo Contractor - Engineering Division, “Proyek Jasa Pemborongan Pengembangan Terminal Petikemas Belawan Fase II”

As a field engineer in the project, I find the excitement working in the field and long hour condition. Some of my works during project are:

- Responsible for calendaring and checking daily progress in the field
- Reporting daily progress to the supervisor
- Accompany by mentor, problem-solving an efficient method in the construction site such as dewatering, soil pavement, etc.
- Support teams to conduct CBR test to the asphalt road construction and PDA test for Steel Pile construction
- Support the Health Safety Department to draw some emergency evacuation plan using AutoCAD
- Support teams to conduct some area measuring and location’s pint pointing

ACHIEVEMENTS / ORGANIZATION EXPERIENCE

February 2019 | Finalist and Favorite Winner of Oil Rig Design Competition Indonesian Ocean Expo 2019

January 2018 – 2019 | Head of Music Division Committee - UKSU ITB (Unit Kesenian Sumatera Utara) 2018/2019

August 2017 | Participant of ITB Civil Engineering Expo CFP competition 2017
Member of Academic Division - Student Association KMKL ITB

2016-2019 | Committee of INTEGRASI ITB 2016 – Mentor Division;
Member of Water Polo Division – Swimming and Water Polo Club URPA ITB

INSTITUT TEKNOLOGI BANDUNG

AA 052019

Nomor: 155009/I1.A/PP/X/IJZ/1/2019

menyatakan bahwa

Elicohen Dima Sagala

lahir pada tanggal 1 April 1998 di Medan
diterima pada Tahun Akademik 2015/2016
dengan Nomor Induk Mahasiswa 15515012

telah menyelesaikan studi dan memenuhi segala syarat pendidikan kesarjanaan
pada Program Studi
Teknik Kelautan

pada tanggal 30 September 2019

Oleh sebab itu, kepadanya diberikan gelar

Sarjana Teknik (S.T.) dengan Predikat Cum Laude

beserta segala hak dan kewajiban yang melekat pada gelar tersebut.

Diberikan di Bandung, tanggal 19 Oktober 2019



Dekan
Fakultas Teknik Sipil dan Lingkungan,

Prof. Ade Sjafruddin, Ph.D.
NIP 196009031987031002

Rektor,



Prof. Dr. Ir. Kadarsah Suryadi, DEA
NIP 196202221987031002

Ijazah ini diberikan berdasarkan Surat Keputusan Rektor Nomor: 315/SK/I1.A/PP/2019



INSTITUT TEKNOLOGI BANDUNG

FAKULTAS TEKNIK SIPIL DAN LINGKUNGAN

Jalan Ganesha 10 Bandung 40132 Telp. (022) 2504952 Fax. (022) 2516586

TRANSKRIP AKADEMIK

No: 155009/11.C09/PP/X/TRS/2019



Nama : Elicohen Dima Sagala
 NIM : 15515012
 Tempat, Tanggal Lahir : Medan, 1 April 1998
 Tahun Masuk ITB : 2015
 Fakultas/Sekolah : Fakultas Teknik Sipil dan Lingkungan
 Program Studi : Sarjana Teknik Kelautan
 Gelar : Sarjana Teknik (S.T.)



Semester 1				Semester 2			
Kode	Mata Kuliah	SKS	Nilai	Kode	Mata Kuliah	SKS	Nilai
KU1072	Pengenalan Teknologi Informasi B	2	B	MA1201	Matematika IIA	4	A
MA1101	Matematika IA	4	B	FI1201	Fisika Dasar IIA	4	B
FI1101	Fisika Dasar IA	4	AB	KI1201	Kimia Dasar IIA	3	C
KI1101	Kimia Dasar IA	3	B	KU1001	Olah Raga	2	A
KU1021	Bahasa Inggris: Pemahaman Teks Akademik	2	B	KU1011	Tata Tulis Karya Ilmiah	2	C
KU1266	Menggambar Teknik	2	B	KU1101	Pengantar Rekayasa & Desain I	2	AB
				KU1201	Pengantar Rekayasa & Desain II	2	AB

Semester 3				Semester 4			
Kode	Mata Kuliah	SKS	Nilai	Kode	Mata Kuliah	SKS	Nilai
KL2100	Analisis Rekayasa Dasar I	3	A	KL2200	Analisis Rekayasa Dasar II	3	A
KL2101	Mekanika Fluida	3	B	KL2201	Mekanika Gelombang Air	3	A
KL2102	Statika	3	BC	KL2202	Mekanika Bahan	3	AB
KL2103	Statistika dan Probabilitas	2	B	KL2203	Metoda Numerik	3	C
KL2104	Geoteknik Kelautan I	2	BC	KL2204	Geoteknik Kelautan II	2	AB
KL2105	Bahan Bangunan Laut	3	A	KU2071	Pancasila dan Kewarganegaraan	2	A
KL2205	Pengetahuan Fisik Laut	2	A				
KU2062	Agama dan Etika Protestan	2	AB				

Semester 5				Semester 6			
Kode	Mata Kuliah	SKS	Nilai	Kode	Mata Kuliah	SKS	Nilai
KL3100	Hidrodinamika	2	B	KL3200	Gelombang Acak	3	BC
KL3101	Analisis Struktur dengan Metoda Matriks	3	A	KL3201	Dinamika Struktur	3	AB
KL3102	Struktur Beton Bertulang	3	A	KL3202	Struktur Baja	3	AB
KL3103	Pengumpulan dan Analisis Data Lapangan	3	A	KL3203	Proses Pantai	3	A
KL3104	Akustik Bawah Air	3	A	KL3204	Metoda Eksperimen Laboratorium	3	A
KL3105	Ekonomi Rekayasa	2	AB	KL3205	Manajemen Konstruksi Bangunan Laut	3	A
KL3106	Gelombang Panjang	2	A	KL3206	Metoda Konstruksi Bangunan Laut	2	A
KL4113	Hidrologi dan Infrastruktur Tambak	3	A	KL3209	Reklamasi dan Pengerukan	2	A

Semester 7				Semester 8			
Kode	Mata Kuliah	SKS	Nilai	Kode	Mata Kuliah	SKS	Nilai
KL4098	Kerja Praktek	2	A	KL4099	Tugas Akhir	4	A
KL4100	Lingkungan Laut	3	A	KL4210	Perancangan Dermaga Pelabuhan	3	A
KL4110	Perencanaan Prasarana Pelabuhan	2	A	KL4220	Pipa Bawah Laut	2	B
KL4111	Bangunan Pantai	2	A	KL4221	Struktur Terapung	2	AB
KL4120	Anjungan Lepas Pantai	3	A	KL4211	Operasi dan Manajemen Pelabuhan	2	B
KL4112	Pemodelan Rekayasa Pantai	2	A	KU4182	Komunikasi Pembangunan	2	A
KL4114	Manajemen Kawasan Pesisir	2	AB	KU4183	Sosiologi Industri	2	A
KL4121	Dasar Teknik Perkapalan	3	B	PL4002	Pengembangan Kawasan Pesisir	2	B
KU4078	Studium Generale	2	A				

Keterangan: A (4): Sangat baik, AB (3,5): Antara baik dan sangat baik, B (3): Baik, BC (2,5): Antara baik dan cukup, C (2): Cukup, D (1): Kurang atau hampir cukup

SKS : 155
 Lulus tanggal : 30 September 2019
 Judul Tugas Akhir : Desain Struktur Atas Dermaga Patimban dengan Beton Pracetak
 Indeks Prestasi (IP) : 3,52
 Predikat : Cum Laude

Diterbitkan di : Bandung
 Tanggal : 19 Oktober 2019

Ketua Program Studi Sarjana Teknik Kelautan

Ir. Andojo Wurjanto, MCE, Ph.D.
 NIP 196003301985031007



Dekan

Prof. Ade Sjafruddin, Ph.D.
 NIP 196009031987031002



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ACADEMIC TRANSCRIPT

No: 155009/11.C09/PP/X/TRS/2019

Name : Elicohen Dima Sagala
 Student ID Number : 15515012
 Place, Date of Birth : Medan, April 1, 1998
 Admission Year : 2015
 Faculty/School : Faculty of Civil and Environmental Engineering
 Study Program : Undergraduate Program in Ocean Engineering
 Degree : Bachelor of Science in Ocean Engineering



Semester 1				Semester 2			
Code	Course	Units	Grade	Code	Course	Units	Grade
KU1072	Introduction to Information Technology B	2	B	MA1201	Mathematics IIA	4	A
MA1101	Mathematics IA	4	B	FI1201	Elementary Physics IIA	4	B
FI1101	Elementary Physics IA	4	AB	KI1201	General Chemistry IIA	3	C
KL1101	General Chemistry IA	3	B	KU1001	Sports	2	A
KU1021	English: Critical Reading Skills	2	B	KU1011	Indonesian Language: Scientific Writing	2	C
KU1266	Technical Drawing	2	B	KU1101	Introduction to Engineering and Design I	2	AB
				KU1201	Introduction to Engineering and Design II	2	AB
Semester 3				Semester 4			
Code	Course	Units	Grade	Code	Course	Units	Grade
KL2100	Basic Engineering Analysis I	3	A	KL2200	Basic Engineering Analysis II	3	A
KL2101	Fluid Mechanics	3	B	KL2201	Water Wave Mechanics	3	A
KL2102	Statics	3	BC	KL2202	Mechanics of Materials	3	AB
KL2103	Statistic and Probability	2	B	KL2203	Numerical Methods	3	C
KL2104	Marine Geotechnics I	2	BC	KL2204	Marine Geotechnics II	2	AB
KL2105	Material for Marine Environment	3	A	KU2071	Pancasila and Civic Education	2	A
KL2205	Physical Oceanography	2	A				
KU2062	Protestant: Religion and Ethics	2	AB				
Semester 5				Semester 6			
Code	Course	Units	Grade	Code	Course	Units	Grade
KL3100	Hydrodynamics	2	B	KL3200	Random Waves	3	BC
KL3101	Matrix Methods in Structural Analysis	3	A	KL3201	Structural Dynamics	3	AB
KL3102	Reinforced Concrete Structures	3	A	KL3202	Steel Structure	3	AB
KL3103	Ocean Engineering Data Acquisition & Analysis	3	A	KL3203	Coastal Processes	3	A
KL3104	Underwater Acoustics	3	A	KL3204	Laboratory Experimental Methods	3	A
KL3105	Engineering Economics	2	AB	KL3205	Construction Management of Ocean Structures	3	A
KL3106	Long Waves	2	A	KL3206	Construction Method of Ocean Structures	2	A
KL4113	Hydrology and Fisheries/Salt Pond Infrastructure	3	A	KL3209	Reclamation and Dredging	2	A
Semester 7				Semester 8			
Code	Course	Units	Grade	Code	Course	Units	Grade
KL4098	Field Project	2	A	KL4099	Final Project	4	A
KL4100	Ocean Environment	3	A	KL4210	Design of Berthing Structure	3	A
KL4110	Planning of Port Infrastructure	2	A	KL4220	Subsea Pipeline	2	B
KL4111	Coastal Structures	2	A	KL4221	Floating Structures	2	AB
KL4120	Offshore Platforms	3	A	KL4211	Port Management and Operations	2	B
KL4112	Modeling in Coastal Engineering	2	A	KU4182	Communication of Development	2	A
KL4114	Coastal Zone Management	2	AB	KU4183	Sociology of Industry	2	A
KL4121	Basic Ship Engineering	3	B	PL4002	Coastal Area Development	2	B
KU4078	Studium Generale	2	A				

Note: A (4): Exceptional, AB (3.5): Excellent, B (3): Good, BC (2.5): Satisfactory, C (2): Sufficient, D (1): Poor

Units : 155
 Completion Date : September 30, 2019
 Final Project Title : Design of Upper Structure Port of Patimban with Precast Concrete
 Grade Point Average : 3.52
 Judicium : Cum Laude

Published in : Bandung
 Date : October 19, 2019

Head of Undergraduate Program in Ocean Engineering

Ir. Andojo Wurjanto, MCE, Ph.D.
 NIP 196003301985031007



Dean

Prof. Ade Sjafruddin, Ph.D.
 NIP 196009031987031002

Dipersembahkan oleh :



SERTIFIKAT

INDONESIA OCEAN EXPO 2019

DIBERIKAN KEPADA
ELICOHEN DIMA SAGALA

SEBAGAI

JUARA FAVORIT

DALAM ACARA
**OIL RIG DESIGN
COMPETITION**

Ketua Program Studi
Teknik Kelautan

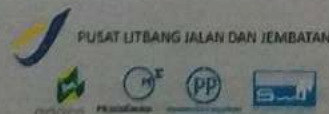
Andojo Wurjanto, Ph.D
NIP 19600330 198503 1 007

Ketua Pelaksana
IOE 2019

Stefanus Wicaksana
NIM 155 15 016

Disponsori oleh :

Didukung oleh :





STATEMENT OF ACHIEVEMENT

The undersigned hereby states that

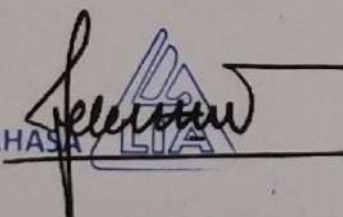
ELICOHEN DIMA SAGALA

has attended

LIA Preparation Course for the TOEFL® Test

with the following result :

Practice Test Score Range : 510-523

LEMBAGA BAHASA 

SELESTIN ZAINUDDIN, S.Si., M.Hum.

Director

Issued in Bandung on December 28, 2017



BLCI-PTE 301 299 10896

BLCI-PTE (Proficiency Test of English)

Name ELICOHEN DIMA SAGALA
Date of Birth April 1st, 1998
Address Jl. Plesiran Gg. Abah Winata 152/56
Bandung

Test Date 7-Oct-19

Scaled Score	Listening Comprehension	590
	Structure and Written Expression	490
	Reading Comprehension	580
	Total Score*	553



* BLCI-PTE is administered by BLCI and is a TOEFL Equivalent Test.

www.blcworld.com

Jl. Tamansari No. 56 Bandung 40116 - Telp. (022) 4232490, 4238738 - Fax. (022) 4238738