

ERWIN KARNADI

Jalan Denpasar no 734 Blok M
Mega Cinere, Depok, Jawa Barat

■ ■ ■
email: erwin.karnadi@gmail.com

Mobile: +62817833189
Residence: +62 21 754 1035

Nomor Induk Dosen Negara: 0317128902

Nomor Registrasi Sertifikat Dosen: 18103100707509

OBJECTIVE

A thriving career as an academic lecturer/researcher and as a professional data analyst/scientist.

SUMMARY OF QUALIFICATION

- 8-year experience working in **academics (research and teaching statistics, econometrics and mathematics)**, and 3-year experience working in **data analytics** (including as a **Chief Data Officer** at a startup);
- Exceptional knowledge in statistics and data analytics which include **multivariate regression, univariate forecasting, logistic regression and data visualization**;
- Have hands-on experience working closely with **professional statisticians, analysts, scientists, researchers and entrepreneurs**;
- Possess skills in working effectively with statistical software applications and programming languages such as **R, Stata, EViews, SPSS, Python, SQL and Microsoft Excel**;
- Wrote two **official academic textbooks** that was published by a **major publishing company**;
- Fluent in **English and Indonesian**. Beginner in **Japanese**.

EDUCATION

Master of Economics

Major: Econometrics

University of Sydney

March 2013 – July 2014

Distinction Average

Honours Degree of Bachelor of Commerce

Major: Econometrics

Research: "Does International Trade Promote Economic Growth?"

Monash University

February 2010 – December 2010

Distinction Average

Dean's Commendation Award Recipient: Awarded for being in the top 5% of the faculty

Bachelor of Commerce

Majors: Accounting and Finance

Monash University

February 2008 – December 2009

Distinction Average

Diploma of Business (Commerce)

Monash College, Indonesia

July 2007 – February 2008

Distinction Average

EMPLOYMENT NARRATIVE

Atma Jaya University

April 2015 – Present

Assistant Professor; Academic Coordinator for Econometrics;

- Taught Statistics, Mathematics and Econometrics as a university lecturer using both English and Bahasa Indonesia;
- Increased the performance of students who failed mathematics and helped them achieve Distinction (B) or High Distinction (A);
- Wrote two books about EViews for Econometrics for official use, and got the book published by a major publishing company;
- Mentored and trained econometrics and mathematics tutors so that they can independently run their tutorial classes;
- Wrote academic manuscripts for international journals;
- Mentored undergraduate students as their research paper supervisor;
- Prepared high school students for their academic math Olympic as a service to the community, and they passed to the next round;
- Supervised students who participated in an academic paper competition, and they ended up in top 5;
- Improved the Economics faculty's computer labs as the Head of Computer Lab, and made sure the usage of each lab is efficient and effective;
- Created online-based classes and coding exercises that are used as a part of an official unit subject.

PT Ekrut Teknologi Pasifik

March 2017 – December 2017

Co-Founder, Chief Data Officer

- Developed an algorithm that is used to curate and sort the most suitable talents based on employers' preferences;
- Turned raw data into meaningful data through data cleaning and classifying;
- Prepared and visualized statistics needed by the company;
- Managed a team of data analysts;

University of Sydney

March 2013 – July 2014

Tutor of Business and Economic Statistics, Regression Modelling, Econometric Models and Methods

Roy Morgan Research

May 2011 – November 2012

Data Analyst

- Processed and analysed TV, Radio and Mail data for Australia, New Zealand and Indonesia;
- Improved the data processing process by updating old RML and STA files;
- Improved the accuracy of the data by proposing a change in the surveys;

Monash University

February 2010 – May 2011

Tutor of Business and Economic Statistics

Research Assistant (Coffee, Poverty and Economic Development in East Timor)

Pricewaterhouse Coopers (PwC)

November 2009 – February 2010

Auditor (Assistant Associate)

COMPUTER SKILLS

Software Applications:

- EViews
- R

Programming Languages:

- R
- Python

- R Studio
 - Stata
 - Anaconda Navigator
 - Jupyter Notebook
 - Notepad ++
 - ASTEROID
 - Limdep (NLogit)
 - GAMS
 - MATLAB
 - Microsoft Office (Excel, Word, Access, PowerPoint)
 - MATLAB
 - SQL
- Operating Systems:
- Mac OS
 - Windows

RESEARCH AND PUBLICATION

- | | |
|------|---|
| 2021 | Karnadi, E. B. & Pangestu, S. (2021). "Does Internet Gaming Disorder Hinder Academic Performance?". <i>Jurnal Kajian Bimbingan dan Konseling</i> , 6(1), 1-14. |
| 2020 | Karnadi, E. B. (2020). "The Role of Data Science in Facing the COVID-19 Pandemic: Applications in Indonesia (Peran Data Science Dalam Menghadapi Pandemi COVID-19: Aplikasi di Indonesia)". <i>Indonesia Menghadapi Pandemi</i> . Grasindo, Jakarta. |
| 2020 | Pangestu, S. & Karnadi, E. B. (2020). "The Effects of Financial Literacy and Materialism on the Savings Decision of Generation Z Indonesians". <i>Cogent Business & Management</i> , 7:1, 1743618. doi: https://doi.org/10.1080/23311975.2020.1743618 . |
| 2019 | Karnadi, E.B. (2019). "Research: Gender Pay Gap Exists in Indonesia, Especially for Women under 30". <i>The Conversation</i> . Published on December 23, 2019. url: https://theconversation.com/research-gender-pay-gap-exists-in-indonesia-especially-for-women-under-30-128904 . |
| 2019 | Karnadi, E.B. (2019). "EViews Guide for Econometrics Vol. 2 (Panduan EViews untuk Ekonometrika Vol. 2)". Grasindo, Jakarta. |
| 2019 | Karnadi, E.B. (2019). "Is There Any Discrimination Towards Young Women in Indonesia's Labor Market?". <i>International Research Journal of Business Studies</i> , 12(1), p. 69-86. doi: 10.21632/irjbs.12.1.69-86. |
| 2019 | Soelasih, Y., Efendi & Karnadi, E. B. (2019). "Analysis of Customer Perceived Value, Satisfaction, Loyalty and the Moderating Role of Customer Demographics: A Study of Indonesian Train Service. <i>Proceedings of the 4th Sriwijaya Economics, Accounting, and Business Conference (SEABC 2018)</i> , p. 175-183. doi: 10.5220/0008438101750183. |
| 2019 | Arianto, Y., Karnadi, E.B. & Aba, F. X. L. (2019). "Effect on Professionalism of Work and Social Network on Teachers in Private Schools: Case Study in Indonesia". <i>International Journal of Educational and Psychological Studies</i> , 5(1), p. 69-78. |
| 2018 | Karnadi, E.B., Purba S. D. & Pangestu, S. (2018). "R for Financial Data Analysis (R untuk Analisis Data Keuangan". Can be accessed on https://academy.dqlab.id/ [Online Course]. |

- 2018 Pangestu, S. & Karnadi, E.B. (2018). "Financial Toxicity in Indonesian Cancer Patients & Survivors: How It Affects Risk Attitude". *Cogent Medicine*. 5: 1525887, p. 1-17. doi: 10.1080/2331205X.2018.1525887.
- 2017 Karnadi, E.B. (2017). "EViews Guide for Basic Econometrics (Panduan EViews untuk Ekonometrika Dasar)". Grasindo, Jakarta.
- 2017 Karnadi, E.B. & Adijaya, P.R. (2017). "Redenomination: Why is it Effective in One Country but not in Another?". *International Journal of Economics and Financial Issues*, 7(3), p. 186-195.
- 2015 Karnadi, E.B. (2015). "Does Internet Censorship Reduce Crime Rate?". *CommIT (Communication and Information Technology) Journal*, 9(1), p. 35-44.

DEPARTMENT & COMMUNITY INVOLVEMENT

- 2020 **R for COVID-19 Data Analysis – Online Workshop**
Speaker
- 2020 **R for ARIMA Data Forecasting – Online Workshop**
Speaker
- 2019-present **Indonesian Economics Graduate Association (ISEI)**
Member
- 2019 **R Workshop for Data Analysis – Business and Economics Conference**
Speaker (Teaching attendees how to use R for data analysis and visualization)
- 2019 **Student Consultant Training – Problem Identification and Data Collecting**
Speaker (Lecturing student consultants about Problem Identification and Data Collecting)
- 2019 **EViews Coaching Clinic**
Speaker (Teaching students how to use EViews)
- 2019 **Department Accreditation Preparation**
Member (Preparing documents needed by the Development Economics department for their official accreditation process)
- 2018-present **Journal of Economics and Business**
Editor & Language Reviewer (Editing submitted journals and checking for any grammatical errors)
- 2018 **Regina Pacis High School – Teaching Mathematics**
Mathematics Teacher (Preparing high school students for academic Olympics)
- 2016-present **Head of The Faculty of Economics and Business's Computer Lab**
Computer Lab Head (Managing the faculty's computer lab)
- 2016 **Pangudi Luhur High School – Teaching Microsoft Excel**
Speaker (Teaching high school teachers how to use Microsoft Excel for data analysis)

AWARDS & ACHIEVEMENTS

2019	TOEFL iBT Test Overall Score: 108 (Reading: 30, Listening: 27, Speaking: 26, Writing: 25)
2019	GRE General Test Overall Score: 314.5 (Verbal Score: 153, Quantitative Score: 157, Analytical Score: 4.5)
2018	TOEFL ITP Gold Certificate Awarded for achieving a score of 627 or higher in an official TOEFL ITP test
2018	Teaching in English Grant by the British Council Indonesia Foundation Awarded for teaching Indonesian students using English
2016	Winner of Bank Indonesia's Academic Paper Competition 2016 (4th Place) Awarded for submitting an academic paper to Bank Indonesia. Topic: Redenomination
2010	Dean's Commendation List 2010 Monash University; awarded for being within the top 5% of graduates in the Faculty of Business and Economics