Yuhao Zhu, Ph.D., FRM

朱宇浩 ◇ Credit Risk Model Validator at ABN AMRO Bank
Email: dr.yuhao.zhu@outlook.com ◇ Phone: +31 (0)6 8440 0812

EXPERIENCE

ABN AMRO Bank N.V. Amsterdam, the Netherlands
Senior Model Validator *Jan 2023 – Present*

· Lead validation projects on IRB models, non-IRB models, ECB obligations, etc.
· Lead techincal projects on internal validation tools and ECB reporting tools (Python & SAS).
· Review validation reports, internal standards, and memos.
· Coaching junior validators.
· ——

Model Validator II *Apr 2021 – Jan 2023*

· Coordinate projects and review validation reports and memos.
· Address ECB obligations and write cover letters and closure requests.
· Participate in internal model investigations (IMIs) and answer ECB's requests.
· ——

Model Validator I *Jan 2019 – Mar 2021*

· Conduct initial, annual, data, and implementation validations for credit risk (IRB) models.
· Assess data quality, methodologies, assumptions, performance, and regulation compliance of models.
· Maintain the internal model validation technical standards.
· Initialize and maintain the internal Python toolkit for model validation.
· Maintain the internal SAS programs for ECB reporting templates of validation results.

EDUCATION

Erasmus University Rotterdam Rotterdam, the Netherlands
Ph.D. in Finance *Sep 2015 – Nov 2018*

· Research interests: Incentive contracting, option pricing, corporate governance, empirical asset pricing
· Title of the Ph.D. dissertation: "On the effects of CEO compensation"

Tinbergen Institute & VU University Amsterdam Amsterdam, the Netherlands
M.Phil. in Economics (Finance track), cum laude, GPA: 8.0/10.0 *Sep 2013 – Aug 2015*

· Coursework: Econometrics, asset pricing, behavioral finance, risk management, advanced game theory
· Graduate school of Erasmus University Rotterdam, University of Amsterdam, and VU University Amsterdam

University of Groningen Groningen, the Netherlands
BSc (Honors) in Economics and Business Economics, GPA: 8.5/10.0 *Sep 2011 – Aug 2013*

· Coursework: statistics, programming, finance, international economics

Fudan University 復旦大學 Shanghai, China
BA in Economics, GPA: 3.78/4.00 *Sep 2009 – Aug 2013*

· Fudan-RUG double degree program

TECHNICAL STRENGTHS

Programming	Python (Pandas, Polars, PySpark), Mojo (author of Mojo Miji), SAS
Certifications	Certified FRM, CFA Level II passed
Languages	Chinese (native), English (proficient), Dutch (basic, A2), Japanese (basic)

VOLUNTEERING EXPERIENCE

Volunteer Item Writer at Global Association of Risk Professionals (GARP)	*Sep 2023 – Oct 2023*
Volunteer Curriculum Update at Global Association of Risk Professionals (GARP)	*Nov 2022 – Dec 2022*
Volunteer Item Writer at Global Association of Risk Professionals (GARP)	*Sep 2022 – Nov 2022*
Volunteer at Shanghai World EXPO 2010 ICP	*May 2010*

BOOKS AND INVENTIONS

Mojo Miji - A Guide to Mojo Programming Language from A Pythonista's Perspective
A Tutorial in The Shanghainese Dialect **上海話簡明教程**
Yuhao Input Method for CJK Characters **宇浩繁簡通用字形輸入法**

PUBLICATIONS

Wage gap and stock returns: Do investors dislike pay inequality?
with Ingolf Dittmann and Maurizio Montone
Journal of Corporate Finance, Volume 78, 2023.

Managerial sentiment and employment
with Maurizio Montone and Remco C. J. Zwinkels
Journal of Behavioral and Experimental Finance, Volume 43, 2024.

ACADEMIC EXPERIENCE

Erasmus University Rotterdam — Rotterdam, the Netherlands

Visiting fellow — *Sep 2018 – Present*
- Conducting research in financial economics.

Ph.D. candidate, teacher and supervisor in finance — *Sep 2015 – Aug 2018*
- Conducting research in financial economics.
- Teaching courses and supervising master theses.

Tinbergen Institute & Erasmus University Rotterdam — Rotterdam, the Netherlands

Teaching assistant — *Jan 2015 – Apr 2015*
- Teaching tutorials for the master-level courses "Statistics" and "Corporate Finance Theory".

GUEST LECTURES

Guest lecture on credit risk model validation at Erasmus University Rotterdam	*Mar 2022*
Guest lecture on credit risk model validation at Erasmus University Rotterdam	*Nov 2020*
Guest lecture on credit risk model validation at Erasmus University Rotterdam	*Dec 2019*
Guest lecture on risk management at VU University Amsterdam	*Dec 2019*

PRESENTATIONS AT CONFERENCES AND SEMINARS

China International Conference in Finance, Tianjin, CN	*Jul 2018*
Global Finance Conference, Paris, FR	*Jul 2018*
Behavioral Finance Working Group Conference, London, UK	*Jun 2018*
(discussant) Executive Compensation Conference 2018, Rotterdam, NL	*Jun 2018*
Erasmus Finance Day, Rotterdam, NL	*May 2018*
Tinbergen Institute Ph.D. Lunch Seminar, Rotterdam, NL	*May 2018*
12th Conference on Asia-Pacific Financial Markets (CAFM) Seoul, KR	*Dec 2017*
International Finance and Banking Society (IFABS) 2017 Conference Ningbo, CN	*Sep 2017*
Tinbergen Institute Ph.D. Lunch Seminar, Rotterdam, NL	*Aug 2016*
Erasmus Finance Brown Bag Seminar, Rotterdam, NL	*Nov 2016*
Tinbergen Institute Ph.D. Lunch Seminar, Rotterdam, NL	*Oct 2016*