

CV – Alicia VON SCHENK

PERSONAL DATA

PLACE AND DATE OF BIRTH: Heidelberg, Germany | 26 September 1995
 ADDRESS: Faculty of Economics and Business
 Goethe University Frankfurt
 Theodor-W.-Adorno-Platz 4
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EDUCATION

Goethe University Frankfurt

- APRIL 2021 **Ph.D. in ECONOMICS (Dr. rer. pol.)**
presumably Thesis: “Economics of Organizations and the Impact of Artificial Intelligence”
 Supervisors: Prof. Dr. Ferdinand VON SIEMENS, Prof. Dr. Matthias BLONSKI
- SEPTEMBER 2018 **Master of Science in QUANTITATIVE ECONOMICS, grade: 1.3 (very good)**
 Thesis: “When Giving a Hand Comes at a Cost: A Theoretical
 Perspective on Parenting” | Advisor: Prof. Dr. Ferdinand VON SIEMENS
- AUGUST 2017 Completion of the First Year of the Ph.D program by successfully passing
 the Qualifying Examinations (avg. grade: 1.4, very good)
- OCTOBER 2016 Admission to the **Ph.D. Program in Economics** at the Graduate School
 of Economics, Finance, and Management (GSEFM)
- AUGUST 2016 **Master of Science in MATHEMATICS, grade: 1.4 (very good)**
 Thesis: “Recursive Valuation of American Put Options Based on the
 Geske-Johnson Approach” | Advisor: Prof. Dr. Thomas GERSTNER
- MARCH 2016 **Bachelor of Science in ECONOMICS, grade: 1.4 (very good)**
 Thesis: “Large Games with Application on the Refugee Situation and
 the Existence of Equilibria” | Advisor: Prof. Dr. Matthias BLONSKI
- JULY 2014 **Bachelor of Science in MATHEMATICS, grade: 2.2 (good)**
 Thesis: “Manipulation of Elections: A Quantitative Proof of the
 Gibbard-Satterthwaite Theorem” | Advisor: Prof. Dr. Martina KUBITZKE
- APRIL 2013 Admission to **double degree studies** in Mathematics and Economics
- OCTOBER 2012 Continuation of Bachelor studies in Mathematics

Ruprecht-Karls-University Heidelberg

OCTOBER 2011 Start of Bachelor studies in Mathematics

Kurfürst Friedrich Gymnasium, Heidelberg

JUNE 2011 Completion of the **Abitur** with the **grade 1.0** at the **age of 15**

RESEARCH INTERESTS

Economics and Ethics of Artificial Intelligence; Organizational Economics; Behavioral Economics; Experimental Economics; Game Theory

ACADEMIC VISITS, CONFERENCES, AND SUMMER SCHOOLS

- FEBRUARY 2020 Presentation at the Management & Microeconomics Colloquium
Kleinwalsertal, Austria
- OCTOBER 2019 **Research visit** (Host: Prof. Marie Claire Villeval, Ph.D.)
Presentation at the BEERS seminar
GATE-CNRS, Lyon, France
- SEPTEMBER 2019 NBER Young Scholars Workshop on the Economics of Artificial Intelligence
NBER Economics of Artificial Intelligence Conference
Rotman School of Management, University of Toronto, Canada
- SEPTEMBER 2019 Presentation at the IAREP/SABE 2019 Conference on Economic Psychology and
Behavioral Economics
Dublin, Ireland
- JUNE 2019 Presentation (by co-author) at the 12th Maastricht Behavioral and Experimental
Economics Symposium (M-BEES)
Maastricht University, Netherlands
- MARCH 2019 **Research visit** (Host: Prof. Dr. Randolph Sloof)
Presentation at the CREED lunch seminar
University of Amsterdam, Netherlands
- SEPTEMBER 2018 Fourth Lecture on The Economics of Organizations and Human Resources
University of Hamburg, Germany
- SEPTEMBER 2018 Annual Conference of the Verein für Socialpolitik (German Economic Association)
on “Digital Economy”
Albert Ludwig University of Freiburg, Germany
- JUNE 2018 Presentation (Poster) at the 9th International Conference of the French Economic
Association of Experimental Economics (ASFEE)
IAE Nice, University of Nice Sophia Antipolis, France
- MARCH 2018 Ph.D. course on “Computational Statistics” (GSERM)
University of St. Gallen, Switzerland
- FEBRUARY 2018 Presentation at the Management & Microeconomics Colloquium
Kleinwalsertal, Austria
- SEPTEMBER 2017 Third Lecture on The Economics of Organizations and Human Resources
University of Cologne, Germany
- MAY 2014 Symposium on Discrete Mathematics
Goethe University Frankfurt, Germany
- SEPTEMBER 2012 Annual meeting of the German Mathematical Society
Saarbrücken, Germany
- AUGUST 2012 International Summer School of Mathematics for Young Students (ISSMYS)
École Normale Supérieure (ENS) Lyon, France

GRANTS, SCHOLARSHIPS, AND HONORS

- JUNE 2020 **External Funding** (principal applicant) of experiments for the project “Artificial Intelligence and Ethics: Intergenerational Responsibility” by
- Leibniz Institute for Financial Research SAFE
 - Faculty of Economics and Business (“Forschungstopf”) and
 - GATE CNRS Lyon
- SEPTEMBER 2019 **Travel Grant** for the NBER Young Scholars Workshop on the Economics of AI
- SEPTEMBER 2019 **Ph.D. Paper Award** for the third best paper submitted to the IAREP/SABE conference 2019 in Dublin, Ireland
- SEPTEMBER 2019 **Travel Grant** by the Faculty of Economics and Business (“Forschungstopf”) of the Goethe University Frankfurt to attend the IAREP/SABE conference 2019 in Dublin, Ireland
- APRIL 2019 Prize for achieving the **second best Master in Quantitative Economics** in the Academic Year 2017/2018
- OCTOBER 2016 **Scholarship of the Graduate School of Economics, Finance, and Management (GSEFM)** for financial funding of Ph.D. studies (€12,000)
- OCTOBER 2011 **“Deutschlandstipendium”** (scholarship) for financial support of Bachelor degree studies
- OCTOBER 2011 Scholarship of the **“Studienstiftung des deutschen Volkes”** during Bachelor degree studies
- JUNE 2011 Receipt of several school awards, i.a. the **Ferry Porsche Prize** for outstanding achievements in mathematics/physics, prize of the foundation “Humanismus Heute” of Baden-Württemberg, **prize of the German Mathematical Society**, prize for best Abitur grade in the class of 2011

WORK IN PROGRESS

- **Predictably Satisfied: Contributions of Artificial Intelligence to Inter-Organizational Communication**
Blog Post: [Link](#)
- **Division of Labor and the Organization of Knowledge in Production: A Laboratory Experiment**
(with Ferdinand von Siemens and Victor Klockmann)
– *Revise & Resubmit, Games and Economic Behavior*
- **Artificial Intelligence and Ethics: The Role of Pivotality**
(with Marie Claire Villeval and Victor Klockmann)
- **Artificial Intelligence and Ethics: Intergenerational Responsibility**
(with Marie Claire Villeval and Victor Klockmann)
- **The Neglected Costs of Helping: An Experiment on Motives for Harmful Support**
(with Victor Klockmann)
– *Under Review, Experimental Economics*
- **Don’t You Think They Deserve It? How Communication Affects Scapegoating and Motivated Beliefs**
(with Andreas Grunewald, Victor Klockmann, and Ferdinand von Siemens)
- **The Logarithmic Stochastic Tracing Procedure: A Homotopy Method for Computing and Selecting Stationary Equilibria of Stochastic Games**
(with Steffen Eibelshäuser, Victor Klockmann, and David Poensgen)

ACADEMIC EMPLOYMENT AND TEACHING

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| <i>Current</i> | Goethe University Frankfurt, Germany |
| OCTOBER 2017 | <i>Research Assistant</i> Prof. Dr. Ferdinand von Siemens, Chair of Applied Microeconomics |
| APRIL 2019 | <i>Research Assistant</i> Prof. Dr. Matthias Blonski, Chair of Microeconomics |
| | <i>Teaching Assistant</i> Fundamentals of Microeconomics (M.Sc.), WS 17/18, WS 18/19, WS 20/21 Decision Making in Markets and Organizations (B.Sc.), SoSe 18 Organizational Economics (M.Sc.), SoSe 19 Microeconomics 1 (B.Sc.), Plenary Tutorial, SoSe 19 Microeconomics 2 (B.Sc.), WS 19/20 Advanced Topics in Experimental Organizational Econ. (M.Sc. Seminar), WS 19/20, WS 20/21 |
| | <i>Thesis Supervision</i> B.Sc. Economics and Business Administration |
| APRIL 2016 – OCTOBER 2017 | Goethe University Frankfurt, Germany <i>Student Research Assistant</i> Prof. Dr. Ferdinand von Siemens, Chair of Applied Microeconomics |
| OCTOBER 2014 – MARCH 2015 | Goethe University Frankfurt, Germany <i>Teaching Assistant</i> Introduction to Numerical Analysis (B.Sc. Mathematics) Weekly correction of exercise sheets |
| APRIL 2014 – SEPTEMBER 2014 | Goethe University Frankfurt, Germany <i>Teaching Assistant</i> Business Informatics (B.Sc.) |

WORK EXPERIENCE

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| <i>Current</i> | brAIIn-cloud AI GmbH, Frankfurt, Germany |
| MAY 2020 | <i>Founder & Managing Director</i> Startup developing an AI-based tool for idea management and matching Articles about supporting the establishment of business relations between Africa and Europe: Link 1 , Link 2 |
| APRIL 2016 – JULY 2016 | BITWORKS EDV GmbH, Darmstadt, Germany <i>Student Employee</i> Quality control, marketing, testing of Quality Management Software |
| MARCH 2013 | Talanx Insurance Group, Hameln, Germany <i>Internship</i> Risk management, mathematical and statistical evaluation of insurance products |
| FEBRUARY 2012 – MARCH 2012 | Wild S.A.S., Rouen, France <i>Internship</i> Logistics, quality control |

LANGUAGES

- GERMAN: Native
- ENGLISH: Fluent
TOEFL (Score: 110)
Study stay in Toronto with TOEFL preparation course
- FRENCH: Fluent
Student exchanges in Versailles, France
Certificate for release of language tests at French universities
- SPANISH: Basic
Language courses in Seville, Spain, and Bilbao, Spain
- LATIN: Latin proficiency certificate (Großes Latinum)
Participation in the “Certamen Ciceronianum Arpinas” (International Latin contest)

COMPUTER SKILLS

TeX, Python, oTree, Stata, R, MS Office, HTML, Django

MISCELLANEOUS

- Participation at **Women who inspire Rhein-Main** as founder of brAIIn-cloud AI GmbH: round table of female founders sharing their journey and startup stories ([Video](#))
- Participation in the discussion round **Laptop & Leibchen Vol. XIV** by TechQuartier Frankfurt and Eintracht Frankfurt with Prof. Peter Buxmann and Christian Hartmann about the potential of AI and Machine Learning and moral issues that arise ([Video](#))
- Engagement in the **Rotaract Club Frankfurt**: active participation, e.g. in the preparation of breakfast for homeless people, care for under-age refugees without company, regular attendance at lecture events on diverse subjects
- Proofreading of the book “An Invitation to Mathematics – From Competitions to Research” (Springer, 2011)
- Press coverage: Rhein-Neckar Zeitung ([Link 1](#), [Link 2](#)), Frankfurter Allgemeine Zeitung ([Link](#)), Medium ([Link](#))

ACADEMIC SUPERVISORS/REFERENCES

Prof. Dr. Ferdinand von Siemens
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Prof. Marie Claire Villeval, Ph.D.
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