BOYOON CHANG

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Education

University of Oregon	Sep. 2019 – Jun. 2024(Expected)
Ph.D. Candidate in Economics	*Eugene, Oregon*
General Assembly	Jun. 2021 – Sep. 2021
Software Engineering Immersive	*Remote*
Korea University	Mar. 2015 – Aug.2017
M.S. in Economics	*Seoul, Korea*
Korea University	Mar. 2008 – Aug.2014
B.S. in Business Administration	*Seoul, Korea*

Relevant Experience

University of Oregon	Sep. 2019 – Present
Graduate Employee	*Eugene, Oregon*

- Led more than 10 discussion sessions with 20 students enrolled on average, teaching over 200+ undergraduate students in total about the basic concepts of Economics and facilitated a discussion when necessary
- Taught statistical programming language R for programming beginners composed of undergraduate students to enhance their understanding about the fundamental logics behind programmings; introduced how to define a function and how to use pre-defined functions that are central to applying econometric techniques
- Lead Introduction to Econometrics as a sole instructor, teaching undergraduate students of juniors and seniors about the necessary concepts of statistics used for Econometrics and the fundamental mechanics of Ordinary Least Squares; received over 90% positive feedbacks from students who completed the end of the course survey

Capital Economic Consulting Group, Lee&Ko Law Firm	Jun. 2017 – Jul.2019
Research Associate	*Seoul, Korea*

- Formulated analytic frameworks and quantitative arguments in support of clients involved in several legal cases, resulting in a judge to rule or settle the dispute in favor of the client.
- Prepared firm-level raw data appropriate for analysis; examined data by providing descriptive statistics and relevant plots; applied multiple econometric/statistical methodologies to evaluate if the arguments are statistically significant; performed robustness test to verify consistency of the estimation results
- Delivered assessment results to senior economists and incorporated their feedback; integrated the client's knowledge into the economic analysis

UNESCO, Regional Office for Science in Latin America and the Caribbean	Mar. 2015 – Jul.2015
Intern	*Montevideo, Uruguay*

- Analyzed annual reports and documentations of each potential contributor, whose values align with UNESCO LAC regional projects in progress; composed their profile lists to determine and select institutions that are most likely to fund for projects
- Drafted request for proposals including budgeting necessary direct and indirect expense for completion of Marine Spatial Planning project and adjusted the document format according to grant requirements for each potential donor entity
- Delivered three presentations over four-month period that invite 10+ representatives of UNESCO regional offices across Latin America and proposed the first time a general framework of developing a strategic funding proposal for a project

Additional Experience

Arthur D. Little Consulting Firm	Mar. 2011 – Jun. 2011
Research Assistant	*Seoul, Korea*
Institutional Shareholder Service	Jan. 2011 – Mar. 2011
Intern	*Melbourne, Australia*

Publications

Price and Output Elasticities of Energy Demand for Industrial Sectors in OECD Countries, *Sustainability* 2019. 11(6), 1786.
Boyoon Chang, Sung Jin Kang, Tae Yong Jung

Side Projects (Developed Web Applications)

readuck, *a web application for scholars and researchers to share their thoughts about journal articles and working papers*
Boardom, *A MERN stack web application for users to choose activities to do in their spare time*
movie-goose, *A MEN stack web application for users to leave reviews for movies*

Skills

OS: MacOS, Windows
Programming Languages: R, Julia, PostgreSQL, SQL, JavaScript, CSS, HTML, Node.js, Django, React.js, Python
Version Control: Git
Languages: English (fluent), Korean (native)