

Jayjay Jeongjin Park

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Education

Spring 2022 (Expected)	Purdue University – West Lafayette Krannert Management School Bachelor of Science, Industrial Management Concentration: Computer Science GPA: 3.71/4.0
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Relevant Coursework & Certificates

Certificate	Deep Learning (Jeonju ICT Innovation), Social Media Data Analytics (University of Washington)
Coursework	C-Programming, Discrete Mathematics, Economics, Finance, Linear Algebra, Management Information System, Management Science, Multivariable Calculus, Object-Oriented Programming, Probability, Statistics

Technical Skills

Data Analysis	Excel Solver, Google Cloud Platform (BigQuery), Minitab, NVivo
Programming	C, Git, HTML, Java, Python (AI, ML), R, SQL (AI, ML)
Research-related	LaTeX, Mixed Method, Qualitative Coding, Systematic Review, User Interview

Publications

2021	L. Bosman, J. Park , and N. Hernandez, “If I can measure it, I can improve it: Teaching design & innovation experiences to undergraduate students”, VentureWell Conference (virtual).
2019	A. Toombs, M. Davidge, J. Park , G. Sirko, M. LaPeter, “Algorithmically-Generated Communities: A Case Study”, the 22 nd ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW), Austin, Texas, USA, https://doi.org/10.1145/3311957.3359457 A. Toombs, M. Davidge, J. Park , G. Sirko, M. LaPeter, “Algorithmically-Generated Communities: A Case Study”, 2019 Purdue Summer Undergraduate Research Conference, West Lafayette, Indiana, USA. L. Bosman, J. Park , D. Young, K. Arakawa, R. Keilman, C. Rummage, “Aligning Student Design Projects to Government Design Challenges through Collaboration with the Virtual Student Federal Service Program”, 2019 Purdue Fall Undergraduate Research Conference, West Lafayette, Indiana, USA.

Manuscripts under Review

J. Park, T. Oladepo, L. Bosman, "Reading Between the Data Points: Analysis of the VSFS Internship Recruitment Process and Its Implications for Engineering Student Applicants", American Society of Engineering Education.

T. Yoo, J. Jun, J. Lee, J. Park, S. Na, H. Jung, "Toward Building a Difficulty-Based Lecture Recommendation System", the 27th ACM Conference on Intelligent User Interfaces.

Working Papers

A. Lee, J. Park, A. Toombs, "Robots on Campus: Don't harass our little boi" Target Conference: ACM Conference on Human Factors in Computing Systems (CHI).

H. Jung, J. Park, "Systemic literature review on Chatbot designed to assist chronic patients" Target Conference: ACM Conference on Human Factors in Computing Systems (CHI).

Internship Experience

US AGENCY FOR INTERNATIONAL DEVELOPMENT / VIRTUAL STUDENT FEDERAL SERVICE

- 1/2019 – 5/2019
Virtual Intern
- Designed a new prototype of the USAID's Development Experience Clearinghouse and visualized databases to increase the usability of archived diplomatic documents
 - Utilized InVision for the concept design and used Wix for the system construction

PURDUE UNIVERSITY ATHLETICS

- 4/2019 – 9/2019
Accounting Tutor
- Assisted and tutored student athletes for MGMT 200, general accounting course

Research Experience

STARSHIP (FOOD DELIVERY ROBOT) PROJECT / PURDUE UNIVERSITY

- 5/2020 –
Co-Author
- Generated and assigned qualitative codes for the data crawled from Reddit to research on the social acceptance of the food delivery robot
 - Researching on existing literatures and drafting literature review for the paper

HUMAN CENTERED ARTIFICIAL INTELLIGENCE LAB / UNIVERSITY OF SEOUL

- 3/2021 – 7/2021
Research Intern &
Co-Author
- Conducted a systematic review on papers that designed or created chatbots to assist chronic patients starting from reviewing thousands of related literatures to finding results of the review
 - Co-authored a paper on a recommendation algorithm for deep-learning education YouTube videos by writing both the literature review and design implication section of the paper that was submitted to the ACM IUI Conference

IAGREE LAB / DISCOVERY PARK UNDERGRADUATE RESEARCH, PURDUE UNIVERSITY

- 1/2019 – 3/2021
Research Intern &
First Author
- Conducted research to answer why certain types of internship postings on the Virtual Student Federal Service attracted a higher number of applicants as the first author
 - Created qualitative themes using NVivo, and calculated the Pearson correlation value of the created themes with the applicant quantity and delineated aforementioned

parts in the method and result section of the paper submitted to the 2022 American Society for Engineering Education

- Analyzed thousands of diplomatic documents in database from 1990 to 2010 through Postman (API) and Excel in a governmental design project initiated by the US Agency for International Development

COMMUNITY-COMPUTER INTERACTION LAB / DISCOVERY PARK UNDERGRADUATE RESEARCH, PURDUE UNIVERSITY

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| 6/2019 – 8/2019
Research Intern &
Co-Author | <ul style="list-style-type: none">○ Published a short paper on the 23rd ACM Conference on Computer Supported Cooperative Work (CSCW) in 2019○ Generated and assigned qualitative themes for the groups in gaming website, the100.io, which generates groups of 100 users based on their demographics○ Conducted interviews of the website users to gain further insight |
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Projects

10-WEEK HACKATHON / NEXT GENERATION CODERS NETWORK, STEVENS INITIATIVE

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| 2/2020 – 4/2020
Team Member | <ul style="list-style-type: none">○ Created and presented a prototype of a website as a team for people who are vulnerable to COVID-19 in the Middle East with overseas college students |
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PURDUE ELECTRIC RACING / PURDUE UNIVERSITY

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| 1/2019 – 8/2019
Business Team | <ul style="list-style-type: none">○ Initiated branding process by creating a new prototype of website design, logo○ Gathered and analyzed the other team's sponsors list in order to reach out to our potential sponsor |
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Volunteer

THE 23RD INTERNATIONAL SIGASSET CONFERENCE ON COMPUTERS AND ACCESSIBILITY

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| 8/2021 – 10/2021
Student Volunteer | <ul style="list-style-type: none">○ Assisted in conference preparation such as confirming the submitted materials, managing discord channel and assisting participants sign in |
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MASSACHUSETTS GENERAL HOSPITAL

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| 1/2018 – 7/2018
Medical Volunteer | <ul style="list-style-type: none">○ Discharged patients and assisted patients, doctors and staffs at Yawkey Building (Outpatient Department) |
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VOLUNTEER MOROCCO

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| 12/2016 – 2/2017
Medical Volunteer | <ul style="list-style-type: none">○ Set and operated interim rural clinics at Agadir(Morocco) with Moroccan doctors○ Performed basic medical diagnoses such as measuring blood glucose and blood pressure |
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Awards

JEONJU ICT INNOVATION ARTIFICIAL INTELLIGENCE KAGGLE COMPETITION

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| 12/2020 | <ul style="list-style-type: none">○ Received scholarship and award for creating a multi-class classification program at the Deep Learning Kaggle challenge hosted by Jeonju ICT Industry Promotion Agency |
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