Ji Su Park

Neuroscience graduate

Driven Neuroscience graduate with extensive laboratory research as well as entrepreneurial and consulting experience. Analytical and detail-oriented team player with broad background in science and visual art. Complementary skills in programming, UX/UI design and product planning. With my combined expertise, I'm passionate to develop inclusive and comprehensive healthcare services in the future.

✉ jsp02014@gmail.com ☐ +82 010-7171-0777 🏠 Boramero 5-gil 43 Borame Samsung Chereville #4706, Seoul, South Korea

EDUCATION

Bachelor of Science in Neuroscience with Minor in Visual Arts
Sep 2014 – May 2018

Johns Hopkins University
Baltimore, Maryland

Relevant course work
- Introduction to Programming, Probability and Statistics, Nervous System, Intro to Cognitive Neuropsychology
- Digital Photography, Painting Workshop II, Studio Drawing, Photo and Text

Brent International School Manila
Sep 2010 – May 2014

Manila, Philippines

WORK EXPERIENCE

Business Strategy Manager
DoAI Inc.
Feb 2021 - Mar 2021

A Medical AI company that develops digital healthcare services

Achievements/Tasks
- Worked as a business strategy manager and handled market research for several products including DoPap Smear and DoKaryotpe.
- Planned, researched, designed a new version of IR presentation for KOTRA Startup oversea expansion application.

Assistant Manager
Exogen Pte. Ltd.
Nov 2019 - May 2020

A Singapore based consulting company focused on oversea expansion of biotech companies

Achievements/Tasks
- Worked on Singapore expansion of biomarker based breast cancer screening product for a company.
- Planned, directed and produced sales/marketing materials for Singaporean consumers and medical professionals.
- Prepared presentations for overseas expansion for countries such as Saudi Arabia, China, Singapore, Brazil and others.

Research Analyst
A.T. Kearney
Sep - Oct 2019

A consulting company

Achievements/Tasks
- Worked as a research analyst for a conglomerate on Digital Transformation strategy project.

Research Intern
Kantar Healthcare
Aug-Sep 2019

A Market Research company

Achievements/Tasks
- Worked as an intern to review/gather data and to translate interviews for market research project on arthritis biologics medicine.

Research Assistant

The Sung-Yon Kim Laboratory   **Oct 2018 - May 2019**
A neuroscience lab at Seoul National University

Achievements/Tasks

Expansion Microscopy (Optical microscopy technique)
- Worked on developing new method for expansion microcopy.
- Utilized a confocal microscope to image Thy-1 mouse brain tissues, C. elegans and human samples before and after expansion.

Homeostasis on Mouse Model (Optogenetics)
- Performed s stereotaxic surgery on mouse such as virus injection and fiber photometry implants.
- Performed behavioral experiments using optogenetics to discover relationships between homeostasis and various brain regions such as lateral parabrachial nucleus and lateral hypothalamus.

Contact: Sung-Yon Kim, Associate Professor of Chemistry
        sungyonkim@snu.ac.kr

Research Assistant

The Seth Blackshaw Laboratory   **Dec 2017 - May 2018**
A neuroscience lab at Johns Hopkins Medical Campus

Achievements/Tasks

- Worked with Dr. Fatemeh Rajaii on researching the orbital fat cell differentiation and hormonal effect in mice and human
- Investigated Thyroid associated orbitopathy (TAO) using mouse model

Contact: Fatemeh Rajaii, Assistant Professor of Ophthalmology Wilmer Eye Institute
        frajaii1@jhmi.edu

LEADERSHIP EXPERIENCES

Joo-Young Jeong Entrepreneurship Competition   **May 2020**

Project leader, UI/UX designer
Designed a pet supply information search and recommendation app service.

IBM Call for Code Hackathon   **Jun 12 - 13, 2020**

Project leader, Front-end coder, UI/UX designer
Team "Forthebetter"- Designed and developed a prototype app for block-chain based donation app service.

Shinhan Bank Service(product) Designer Bootcamp   **Jul - Aug 2020**

Product designer, UI/UX designer
Designed and developed a pet obesity management app service through extensive user research.

OTHER EXPERIENCE

42Seoul "La Piscine" Programming Bootcamp   **Mar 2021 – Apr 2021**

Studied C languages intensively through 42Ecole's coursework and system.
Learned Linux commands and functions of C language and algorithms including dfs.

TECHNICAL SKILLS

Programming	Python, MATLAB, JavaScript (React Native), HTML, CSS, C
Design Tools	Adobe XD, Photoshop, Lightroom, Illustrator, InDesign, 3ds Max, Zbrush
Microsoft Office	Proficient in Word, Excel and highly experienced in PowerPoint

PUBLICATIONS

Wiley Online Library   Advanced Science   **Sep 30, 2019**

Scalable and Isotropic Expansion of Tissues with Simply Tunable Expansion Ratio

Authors

Han-Eol Park[1], Dongkil Choi[1], **Ji Su Park**, Changgon Sim, Sohyun Park, Sunah Kang, Hyunsoo Lim, Myungsun Lee, Jaeyoun Kim, Jinyoung Pac, Kunsoo Rhee, Junho Lee, Yunjong Lee, Yan Lee* and Sung-Yon Kim*