Jongchan Kim

Email: whdcksgogo12@gwu.edu
LinkedIn: JongchanKim
GitHub: Kim-jongchan

Education

George Washington University   Washington DC, USA
MS in Data Science   September, 2020–Present
  – Sponsored by
    Korean Government Scholarship Program

Seoul National University   Seoul, South Korea
B.S. in Animal Science and Biotechnology, GPA: 3.97   2014–2020
  – Relevant Coursework
    Linear Algebra, Statistics

Experience

Children's National Hospital   Washington, D.C.
Research Intern   Sep 2021 – Present
  – Develop a deep learning algorithm for computer-aided parathyroid detection using both RGB/NIR images and YOLO.

SOCAR   Seoul, South Korea
Data Analyst - Internship   2019
  – Provide analytical support for building targeted business strategies based on the history of users.
  – Assist with or perform: manage and analyze data, perform statistical analysis, and visualize and share results with coworkers.

Skills

- **Programming:** Python, SQL, JS
- **Machine Learning:** Tensorflow, Pytorch
- **Visualization:** Tableau, D3

Languages

- **English:** Proficient
- **Korean:** Mother tongue, native speaker

Projects

NIH Codeathon: Building Insights on Vaccine Hesitancy   2021
  – Created website for visualization that can dynamically interact with end user by using Tableau.

Kidney Image Segmentation   2021
  – Developed an image segmentation model that can identify a functional unit called glomerulus with approximately 92% dice accuracy by updating weights of pre-trained UNET.

Scholarships and Awards

- Korean Government Scholarship Program for Study Overseas   2020-2022