Changmin Lee
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Education

Daegu Gyeongbuk Institute of Science and Technology, School of Undergraduate Studies	GPA: 3.32/4.3 Feb. 2018 ~ Present
Daegu Gyeongbuk Institute of Science and Technology, Technical Venture-leader Academy	Mar. 2022 ~ Feb. 2023
University of California, Berkeley, Exchange Student	Jun. 2019 ~ Aug. 2019

Skills

Programming Languages: Python, C, HTML/CSS
Software Skills: Visual Studio, Pytorch, Scikit-learn, Pandas, Matplotlib

Work Experience

CEO, *Klapoo,* Daegu, South Korea   Aug. 2022 ~ Mar. 2024
- Pet-specific ingredient stability information-based veterinary pharmaceuticals knowledge service, Daengbuhae
- Development of ingredient database based on 8 veterinary dermatological criteria(7600+ Product, 140K+ Ingredient)

Development Intern & Programming Instructor, *Jr. Coding Labs(CUOP),* Dajeon, South Korea   Feb. 2020 ~ Dec. 2019
- Development of Rasberry Pi-based children's educational toys: Magic wand, crystal ball, magic frame
- Programming language instructor for elementary, middle, and high school levels: C, C#, JavaScript, HTML/CSS, Python

Product Manager, *Allways,* Seoul, South Korea   Sep. 2018 ~ Mar. 2019
- Development of obstetrics and gynecology disease diagnostic kits based on lateral flow assay method and menstrual blood
- Government-supported project management and funding acquisition

Projects

Arrhythmia Classification on Single-Lead Electrocardiogram(ECG) Signals Using Deep Learning   Feb. 2022 ~ Dec. 2022
- Undergraduate Group Research Program in DGIST
- Training disease classification using Pytorch in Google Colab environment based on open-source code utilizing ECG/PTB-XL dataset and ResNet
- Proposal for a model integrating CBAM attention module into the ResNet method and enhancing the structure of ResNet's component blocks through Fourier representation formulation

Relevant Experiences

4th Industrial Revolution Youth Experience Group – Institute of Advanced Convergence Technology   Oct. 2023 ~ Feb. 2024
- Present the development direction of ABB within Daegu's emerging industries in the compilation of A Day of a Daegu Citizen in 2028.
- Attending CES2024, exploring Silicon Valley companies, participating in PNP investment briefing sessions