

Career counseling

with All of my Experience

Choi Minjoo (All for One)

Choi Minjoo (Judy Choi)

- Careers
 - 2012 ~ 2019 **Malware Analyst**
 - 2018 **Working Holiday** in France
 - 2020 ~ **M.S** in Kangwon Univ
 - Intelligence Software Lab
 - NLP (Machine Translation)
 - 2021 ~ 2022 **Bering Lab (NLP Researcher & Engineer)**
- SNS
 - <https://www.facebook.com/minjoo.choi.562/>
 - <https://github.com/Judy-Choi>



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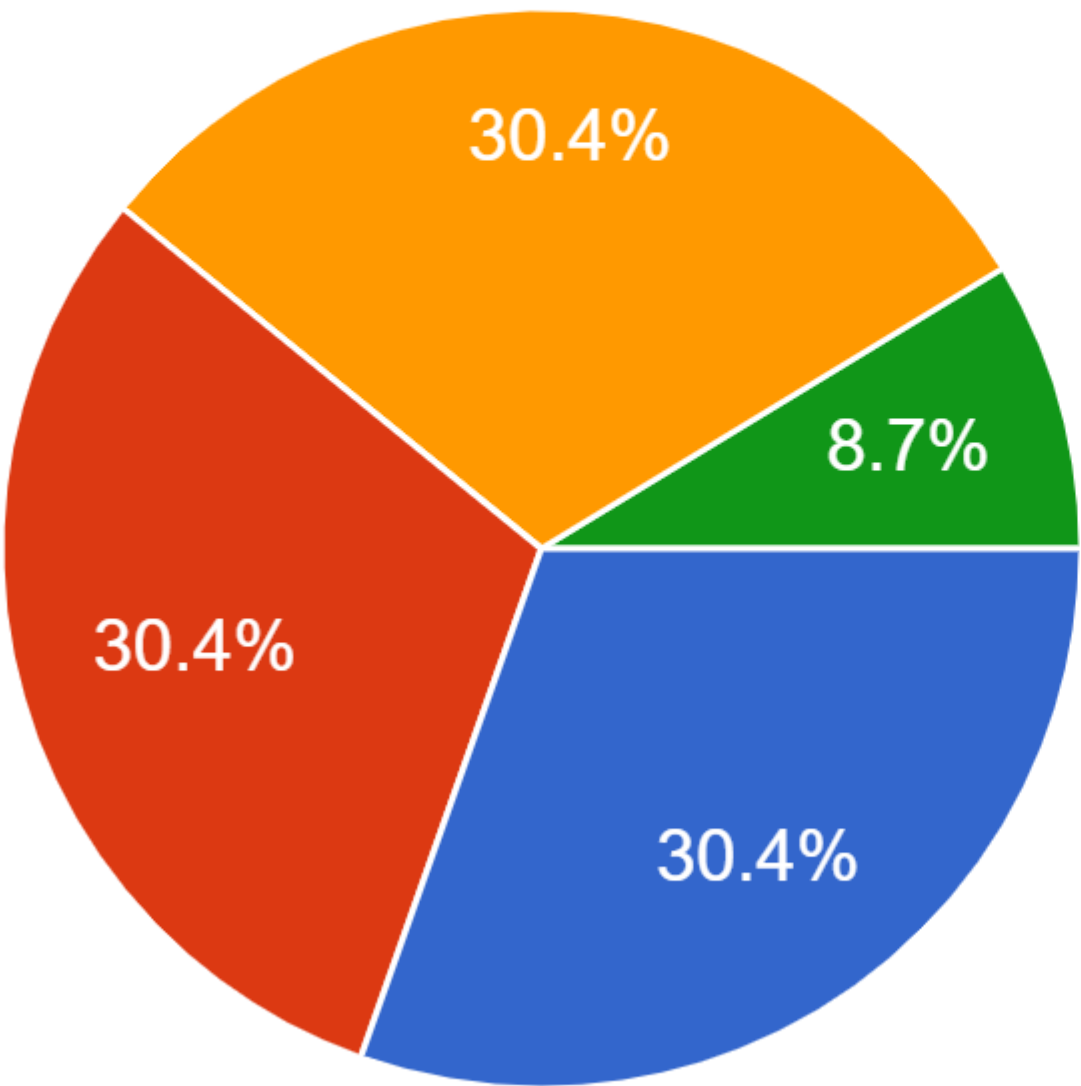


1. Answer for survey

1. Answer for survey

Result of survey

You're in now
응답 23개



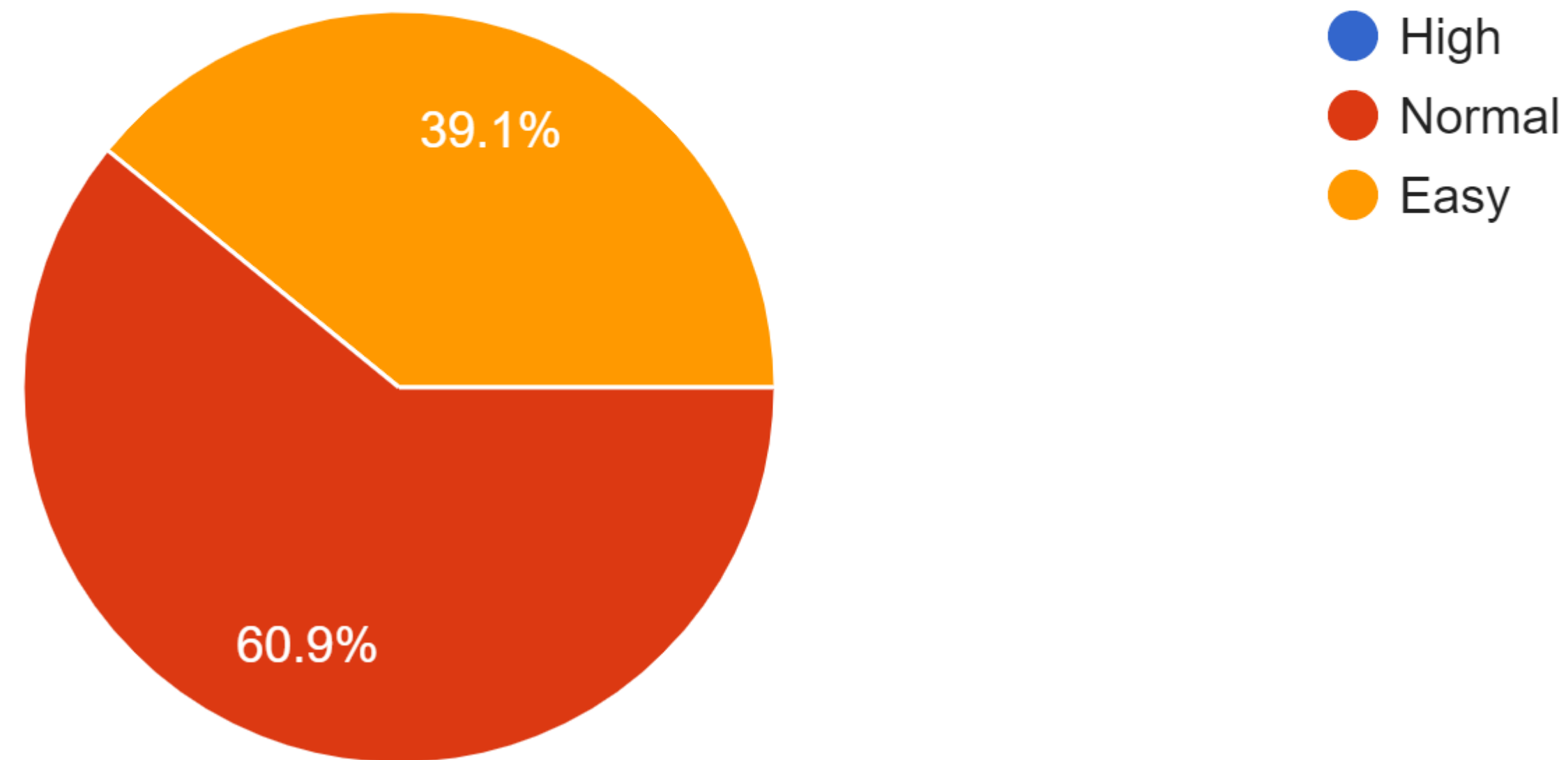
- Undergraduate(Bachelor) 1-2 grade
- Undergraduate(Bachelor) 3-4 grade
- Master course
- Ph.D course

1. Answer for survey

Result of survey

Python Class Difficulty How about difficulty of python class to you yesterday?

응답 23개

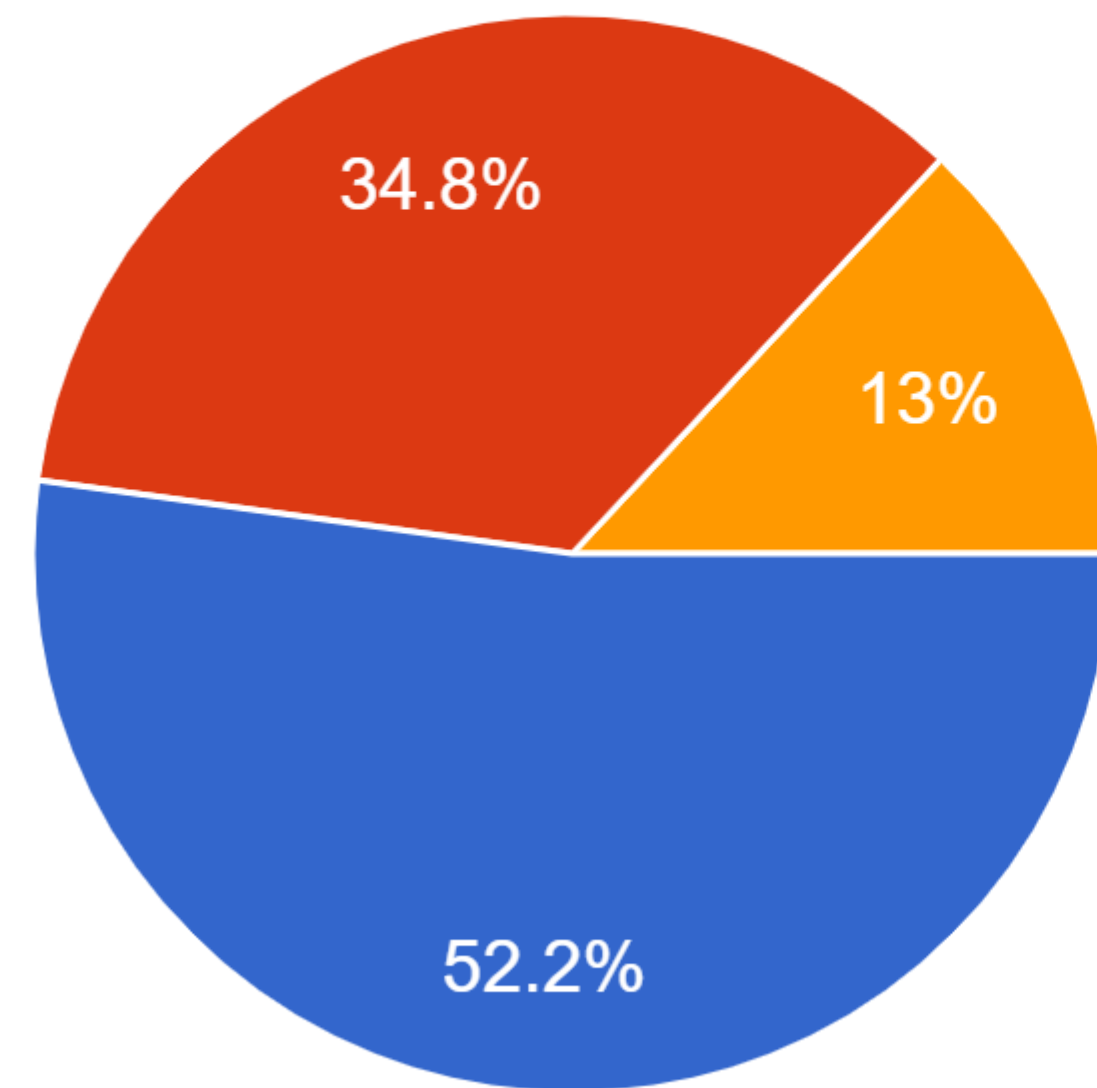


1. Answer for survey

Result of survey

Major What's your major?

응답 23개



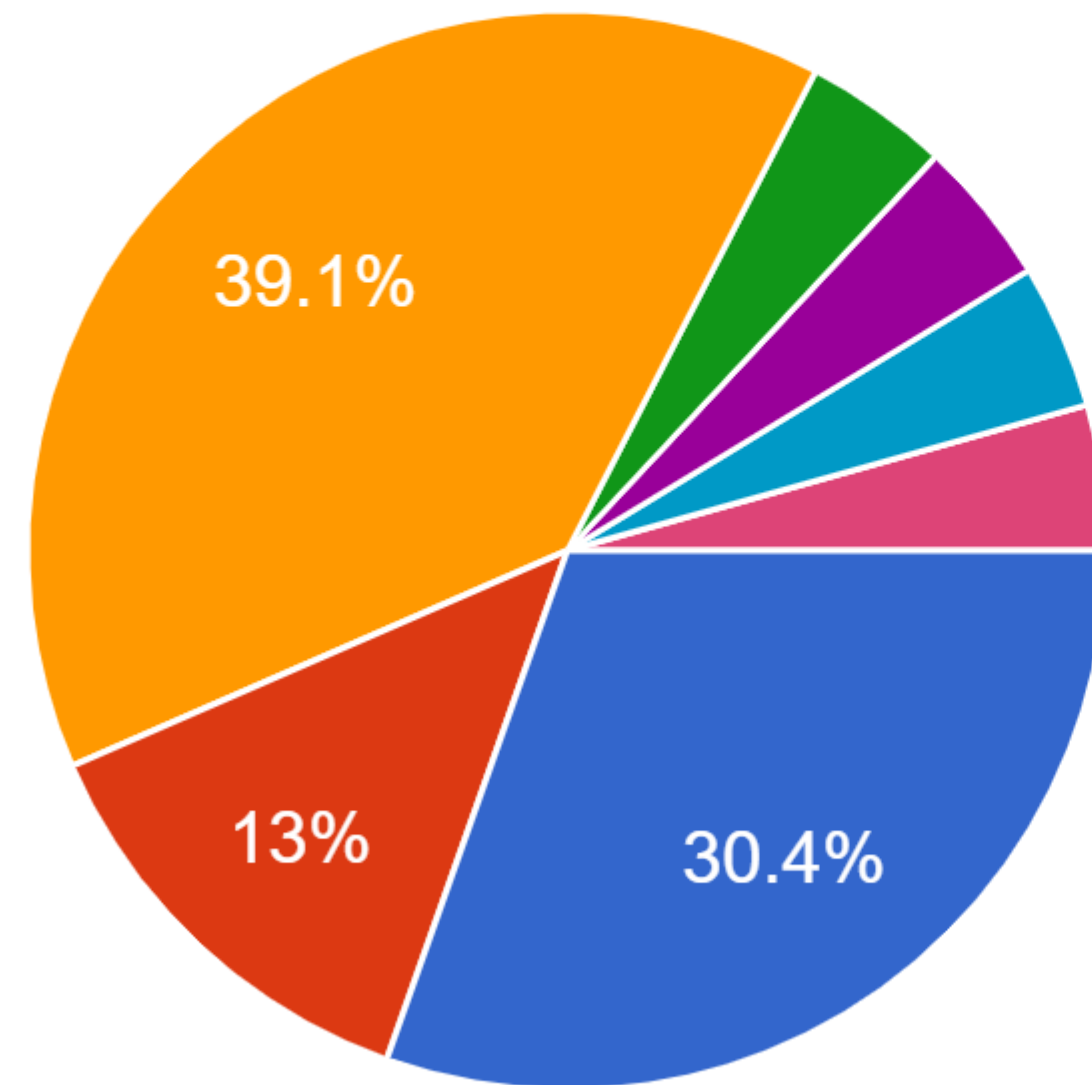
- AI, Computer science (engineering)
- not AI, but Computer science (engineering)
- not AI and Computer science (engineering)

1. Answer for survey

Result of survey

Interest You're intersted in

응답 23개



- CV (Computer Vision)
- NLP (Natural Language Processing)
- DS (Data Science)
- AI in medical image processing
- Cybersecurity
- Data mining
- Smell detecting system

1. Answer for survey

Result of survey

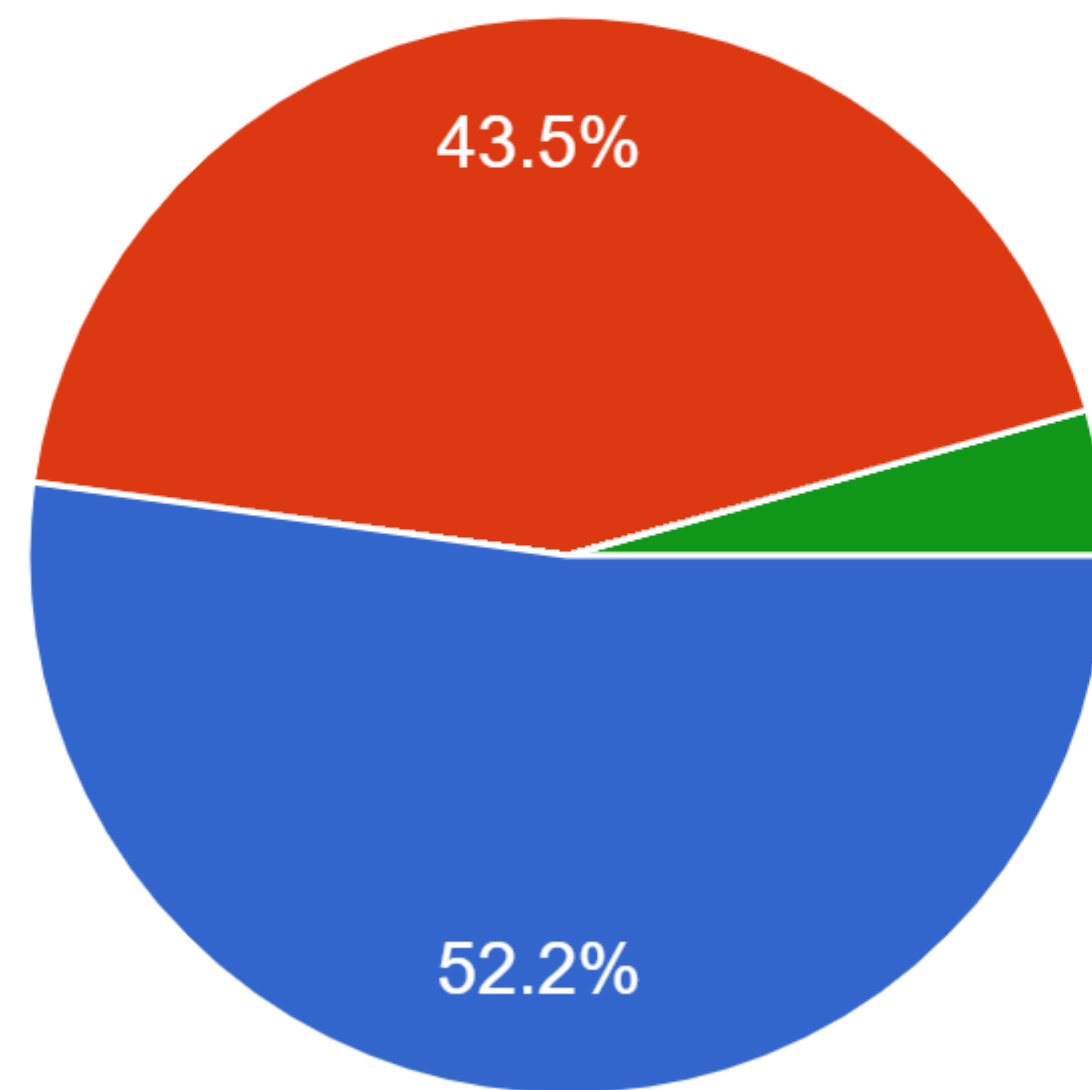
- If you're interested in any other, please write freely
- I can answer you
 - Data science and AI
 - Smell detecting system
 - CV, NLP, DS, BigData
- I can't answer you
 - Full stack web developer
 - Robotics

1. Answer for survey

Result of survey

Learn more If you can get more class, you want to learn about

응답 23개



- NLP (Deep dive into Machine translation. Dataset preprocessing, OpenNMT, Fairseq, APE and review paper...)
- DS EDA (numpy, pandas, crawling, visualizing, Kaggle practice (titanic))
- I don't want anything more
- Smell detecting system

1. Answer for survey

Result of survey

- If you want to learn more, please write what you want freely
- I can answer you
 - NLP
 - Data mining algorithms
 - Cybersecurity
 - Network security, IoT, and etc. with real examples
 - Appliances and use of Python language
- I can't answer you
 - Backend programming
 - Programming based on CNN and image processing.

1. Answer for survey

Thank you for your comments!

- Great
- Perfect classes
- Very cool
- It was great class
- The lessons are taught perfect.
- good
- The lessons are okay.
- I am very satisfied with this class, all lessons
- are very understandable
- The classes are really wonderful and informative.
- Very nice
- This lessons very great!
- Great course set up. I got the information I needed.
- The lessons are good and of good quality

2. Learning strategy

2. Learning strategy

Learning strategy for Deep Learning

- In Korean university..
 - 1st : Introduction to Artificial Intelligence
 - 2nd : Engineering Mathematics
 - 3rd : Linear Algebra
- 3rd ~ 4th : AI, ML, DL basic (Concept, CNN, RNN, DL library)
HCI, NLP, CV

2. Learning strategy

Learning strategy for Deep Learning

- Learning course by Seoul city
 - Mid-level class
 - https://ict.eksa.or.kr/portal/ict/coursedetail_2.user?paramMap.type=1
 - Advanced-level class
 - NLP / CV
 - https://ict.eksa.or.kr/portal/ict/coursedetail_3.user?paramMap.type=2
 - https://ict.eksa.or.kr/portal/ict/coursedetail_3.user?paramMap.type=1
 - Intensive-level class
 - NLP / CV
 - https://ict.eksa.or.kr/portal/ict/coursedetail_4.user?paramMap.type=2
 - https://ict.eksa.or.kr/portal/ict/coursedetail_4.user?paramMap.type=1

2. Learning strategy

Learning strategy for Deep Learning

- I recommend you..
 - Learning stage
 - Python (But you are already good at Python coding!)
 - Basic of DL
 - Deep dive into NLP or CV
 - Class
 - IT class in your department
 - Coursera (You can get **certificate!**)

2. Learning strategy

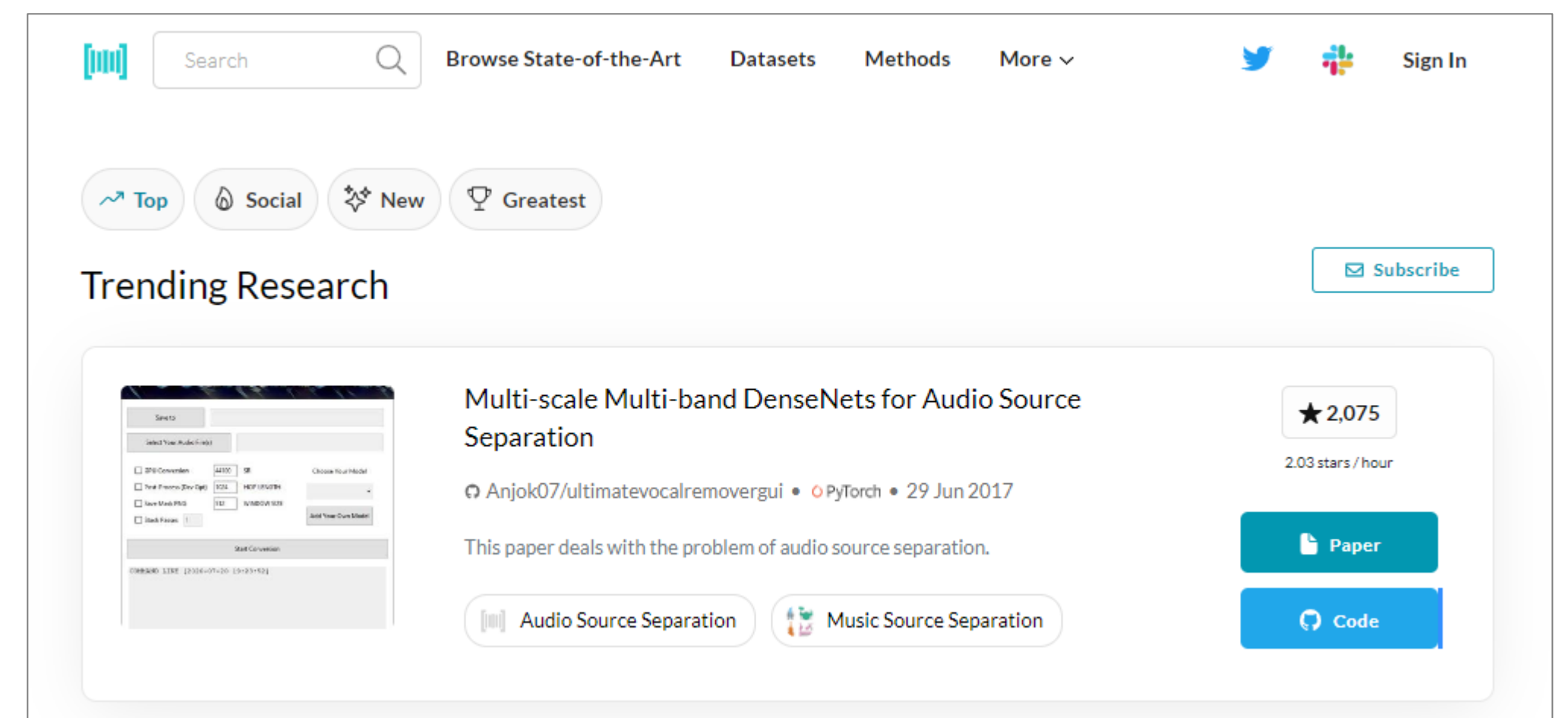
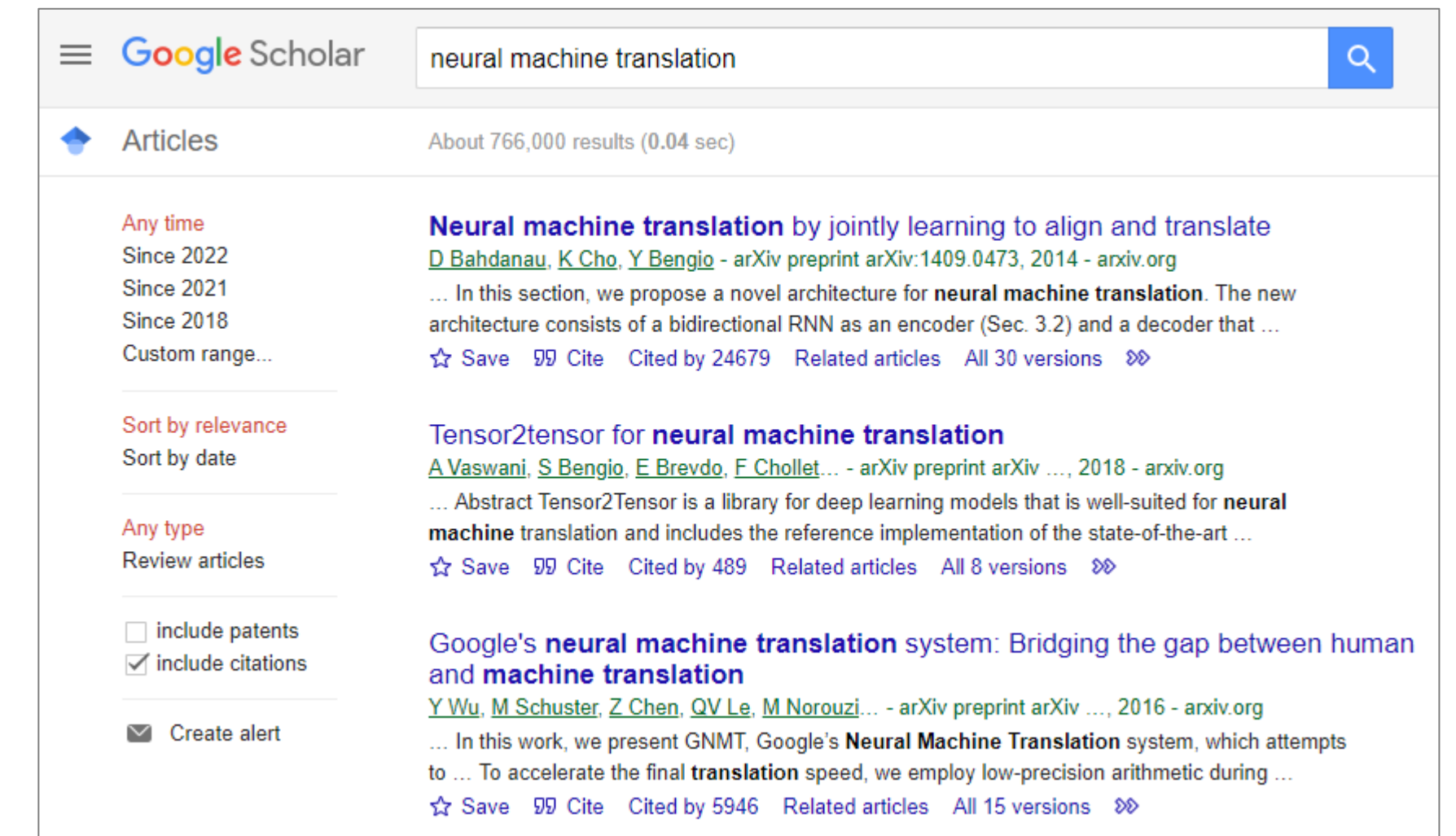
Study with your friends

- I ran a DL study group (over 6 months)
 - Can clearly check what you don't know
 - Can keep study plan
 - Can improve speech skill
- If you don't have friends, don't worry!
- I'm in the NLP paper review study group now (over 6 months)
 - Same as study group with friends
 - <https://github.com/jiphyeonjeon>

2. Learning strategy

Follow up the latest trends

- I recommend you..
- Read many papers (in English)
 - Google scholar
 - Papers with code
 - SNS community
- Go to conference

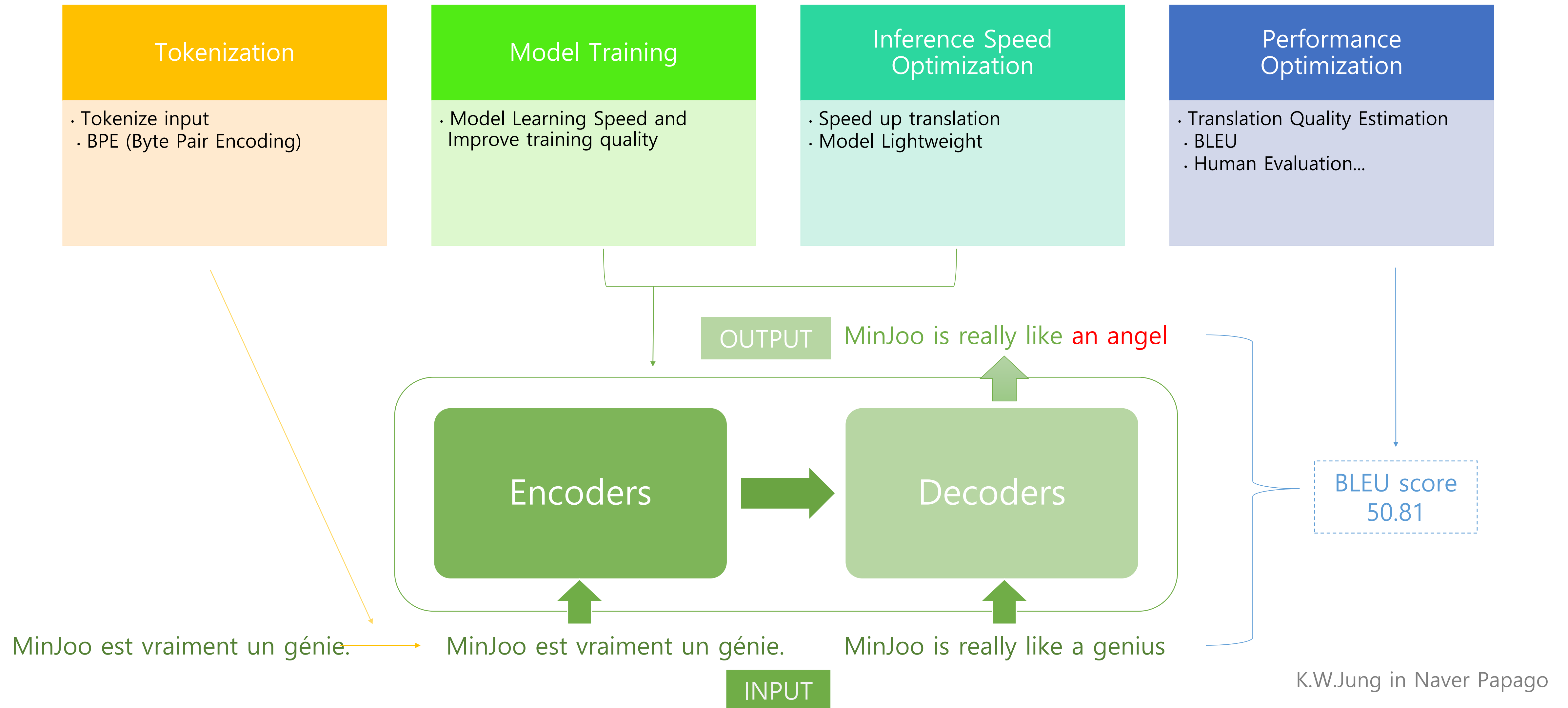


2. Learning strategy

Deep and Wide strategy

- If you're in M.S / Ph.D course or you want to be an expert, I recommend you...
- Deep
 - Be an expert in detail
- Wide
 - Try all the elements of your goal

4 Elements of Machine Translation



2. Learning strategy

Tip : Study plan

- 1. Set your goal
 - NMT
- 2. Survey
 - Refer to the introduction to NMT
 - Blog
 - ...
- 3. Select book or class
- 4. Study
 - Can study with friends
- 5. Develop
 - Build NMT model
 - Language : KO-EN
 - Library : OpenNMT

3. Tips

3. Tips

Get your mentor

- Academia
 - Senior Researcher
- Industry
 - Senior worker / CTO / ...

3. Tips

Some soft skills

- Communication
 - Networking
 - with your boss or team members
- Mental care
- To be senior (leader)..

Happy Deep Learning!

Q&A