

QUBES

Kyushu University Bachelor of Engineering Seekers

NEWSLETTER

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Nanda's Journey to Japan, Germany and US



Bodhinanda Chandra

Civil Engineering, Class of 2016



Indonesia

Biodata

2012-2016: Bachelor's in Civil Engineering, Kyushu University

2016-2019: Master's with Honors in Computational Mechanics, Technical University of Munich

2019-Present: Ph.D. student in Civil Engineering, with designated emphasis in Computational and Data Science and Engineering, University of California, Berkeley

Q1. What did you do after graduating from Kyudai?



Japan: Hiking trip to Mt. Fuji with my Kyudai buddies.

A

After finishing my undergraduate degree in Kyudai, I decided to continue my master's degree at the Technical University of Munich in Germany, majoring Computational Mechanics. During my time in Germany, I was lucky to have few experiences to work in local industry and to exchange abroad in different countries, including Spain, Italy, and Australia. Since 2019, I started my doctoral education in the USA, at the University of California, Berkeley, returning back to the Civil Engineering track. I am currently enjoying my days with lots of delicious Asian foods, Boba, and the beautiful weather of California.

Q2. How are your studies and work currently?

A

My PhD focuses on developing a high-performance numerical model to predict hydro-geomechanical hazards, such as landslides, debris-flow, and many other rain-induced natural disasters. The developed software is hoped to contribute in improving the design of many civil engineering structures to face the increasing frequency of natural hazards caused by global warming.



Germany: Singing in a choir during a dormitory summer party

Q3. How much of what you have chosen during your time in Kyudai has affected your life now?



US: Engineering geology field mapping and measurement with classmates in Sierra Nevada

A

I started to have an interest in my current research field thanks to my former supervisor in Kyudai. He has inspired me in many ways during my bachelor's thesis to contribute in providing mitigation measures towards natural disasters. Moreover, the curriculum taught in Kyudai allowed me to learn many knowledge in general life science and fundamental civil engineering, and to experience research life at very young age. These experiences have been very valuable, particularly at the later stage of my education.

Q4. What would be an advice that you'd give to your undergraduate self?

A

Think twice before leaving Fukuoka and Japan! You'll for sure will miss many delicious local foods, including motsunabe, mentaiko, oysters (kaki) and late-night ramen. There will be no more beautiful Hanabi and Hanami festivals, 24 hour convenient stores, easy access to hot-spring bath, overnight karaoke, and many more exciting experience outside Japan. Value every moment you have there with your classmates and friends.

Sunny's Journey to a Career in Japan



Xiaoyue Xie

Mechanical Engineering, Class of 2016



China

Biodata

2012-2016: Bachelor's in Civil Engineering, Kyushu University
2017-present: Engineer, Mitsubishi Motors Corporation

DID YOU KNOW?

More than 80% of IUPE students go on to prestigious graduate schools around the world every year. And, some IUPE students have been employed in top Engineering companies in Japan and other countries. Let's hear from the graduates themselves!



Q1. What did you do after Kyudai?

A After graduating from Kyushu University, I entered Mitsubishi Motors Corporation in Okazaki, Japan and started my working career. In the company, I belong to EV and Powertrain engineering development department and have been in charge of research and development of gasoline engine system.

Q2. Why did you choose this career path?

A In Kyudai, my major was Mechanical Engineering and I did research related to Analysis of noise and vibration of internal combustion engine. So, I wished to do things that related to my research and wanted to know how the knowledge studied from university can be actually applied to daily life.



Racing circuit activities with colleagues

Q3. How is your current job?

A I would say it is a very wonderful experience working in Japan. Since I am an IUPE program's student, I didn't have a lot of chances to get contact with Japanese people, but after joining a Japanese company, I found that they are very friendly. Everyone is kind and loves to communicate. Besides, the most important thing is that the company has high demand on each person's knowledge and education, I am gaining new knowledge and improving myself every day.

Q4. Is there any memorable memory from your current job?

A While I'm working as an engineering, I am also assigned to recruit new graduates of Kyushu University. So every year I have occasion to go back to campus. I cherish this opportunity very much. Because it gives me a chance to share my own experiences with students and give advice on job hunting as a graduate. It is a very meaningful job to me.



Giving a presentation as recruiter at a job hunting seminar



Enjoying Summer break in Bangkok, Thailand@2018

Q5. Do you have any advice for your undergraduate self?

A I feel like I don't have enough time to hang out with friends now because of my heavy workload. So, I wished I could have enjoyed my student's life more when I was in university, such as joining extracurricular activities, making more friends, especially eating more delicious food because it is so easy to get fat now!

2019

Winter

1

January

2

February

3

March

4

April

5

May

6

June



The mountains are calling!



Short trip with buddies: Experiencing Ancient Japan in Dazaifu



The ocean of flowers: Chance to get a jumping shot!



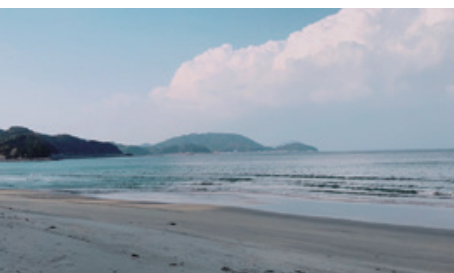
Nothing can warm you up like winter hike with friends.



The best cherry blossoms are in the countryside. Go explore!



Introducing classical games from abroad to Japanese kids



Itoshima's beaches are beautiful year-round!



Spring is here but I'm still waiting for my grades.



Summer = happy sunflowers!



Rounding up the semester with a field trip-Civil Engineering 2020



Come join IUPE students for a barbecue under cherry blossoms!



Be careful not to get blown away in typhoon season!

One Year of IUPE



Feeling the ocean breeze from a ferry is the best!



Graduation ceremony: Congratulations senpai!



Our first laboratory experiment. Do we look like scientists yet?



Let's take care of our environment and clean up the beaches of Iki Island.



We got the coolest chance to do the Boeing Externship in Sendai.



Experiencing the spirit of kendo in Itoshima high school



The deer in Miyajima are really cute and friendly.



Our friend group for the next 4 years. Let's get along, everyone!



Viewing autumn foliage in a historical temple is such a wonderful experience.



We've graduated! Thank you for the memories and let's start a new journey!



IUPE parties are always filled with fun activities and good food. Study Hard, Play Harder!



Learning water engineering from the expert! The laboratory was very impressive.

Outside of Classro

Club Activities

Go **Foo Yang** 3rd year / Mechanical and Aerospace Engineering



It was a few years back when I first knew about the board game go. It seems like a beautiful game with no limit to its possibilities. I have always wanted to learn more about the game so when I came across the recruitment poster, I decided to give it a try. Most members in the university club are experienced players and it was quite challenging to play against them. I enjoyed every game and some of them even have a lasting impression on me. The club activities do not demand a huge commitment so there is a lot of freedom. Please come and join us if you are interested!



Planet Q **James** 2nd year / Mechanical and Aerospace Engineering



In Kyushu University, there will be a week that every circles and clubs will come out and promote. There are boards with information and students advertising their circles or clubs. I was walking around at the center zone and saw a giant rocket model. This got my attention since I really love rocket and space. I decided to ask them to join this circle, Planet-Q, knowing my Japanese is not good and their English is also not good either. Surprisingly, they welcomed me very warmly! During the orientation day, the moment I walked into the room, one of the senpais took me to the seat, gave me snacks and drinks. They tried their best to introduce me to the circle in English, and later that day they also bought me dinner! For the activity, I got to work with other Japanese. We somehow can communicate with English and Japanese mixed together. We did a project of making a model rocket and fly it together. It was very fun!



Aikido **Fang** 3rd year / Mechanical and Aerospace Engineering



I joined Kyudai Aikidou club for a year and a half by the normal recruitment at the beginning of my first year spring semester. I knew about the club from a friend and her senpai who was the former member there. I joined the club to learn new things and have some fun. We practiced 3-4 times a week with occasional demonstrations and rank tests. We had camps every summer and spring break. I made some friends and a lot of good memories. I am glad I joined the club because a chance like this does not come easily once we graduate.



oms

Studying in Japan is not confined to the classroom. In Kyushu University, students can join many extracurricular activities to obtain the soft skills and explore Japanese culture. Let's hear what they experience!

Community Engagement

Taiko Event **Erik** 1st year / Civil Engineering



United States

What I enjoyed most about the Taiko event was being able to experience an aspect of Japanese culture I wouldn't normally be able to back in my home country. I think Taiko has an amazingly unique sound that I think I can "feel" it. Our teacher was super nice as well and was phenomenal at introducing us. This experience inspired me to join the Kyudai Taiko club. In fact, I am currently a member of the taiko club! I still find it personally challenging, but the leader of the club is an excellent teacher; not only does she know really well how to teach beginners, she is a really patient person. I am glad that I joined the Taiko event back then.



Kendo Trial **Ingram** 1st year / Applied Chemistry



Malaysia

The Japanese high school students were very friendly to us and it was an honour to get a glimpse into Japanese culture in school. Through kendo, I got some knowledge about Japanese culture, spirit and courtesy. It was also nice to be able to hear and share about life in Japan with the students; it was quite fun being able to talk with them over lunch about their experiences :)



Visiting Elementary School **Kevin** 4th year / Mechanical Engineering



Indonesia

Studying at Kyushu University has exposed me to various valuable experiences both in studying and life. Just recently, for example, I was lucky to be involved in a cultural exchange event with Japanese elementary students, which has both allowed me to teach them my culture and learn theirs in return. Through it, I was able to know more about the environment and customs in which Japanese people grew up. This has ultimately expanded my understanding of Japanese culture and improved my everyday interaction with Japanese people. I would highly recommend this to anyone interested in experiencing Japanese culture and knowing their society more deeply.



INFORMATION

About Kyushu University

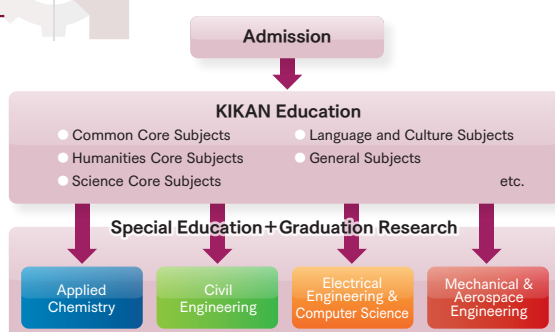
Kyushu University was founded in 1911 as one of the seven imperial universities in Japan. Since then, it has distinguished itself as a highly-reputed research university, not just in Japan but throughout Asia. The university is a large comprehensive university, covering a wide range of disciplines. However the university's main strengths lie in the field of science and engineering, through active and innovative research.



International Undergraduate Programs in English: IUPE

The School of Engineering aims for students to acquire a solid foundation in engineering and develop the ability to understand and explain a broad range of issues, based on the principles and laws of basic sciences including physics and chemistry. In accordance with their individual aptitudes and needs, students each select from the following programs: Applied Chemistry, Civil Engineering, Electrical Engineering & Computer Science, Mechanical & Aerospace Engineering.

1.5 year
2.5 years



For further details, please visit the program's website:

https://www.eng.kyushu-u.ac.jp/e/u_international.html



About QUBES website

The Kyushu University website for Bachelor of Engineering Seekers (QUBES) was designed for students to be able to share their experiences in the International Undergraduate Program in English. It is primarily managed by a student team, who provides and manages the contents of the website.



Members 2019-2020:

Aldo (Applied Chemistry) and Thi (Applied Chemistry)

To learn more about our experiences, please visit QUBES' website:

<http://qubes.kyushu-u.ac.jp/>



Contact

Kyushu University-School of Engineering Student Affairs Division

744 Motooka, Nishi-ku, Fukuoka 819-0395, Japan
Email: kotiupe@jimu.kyushu-u.ac.jp

