

Nao Sekiguchi

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Types of job I aspire: Design projects for environmental protection (air quality control, water treatments), Analyze scientific data, Advice corporations and agencies about their projects, Develop commercial devices to reduce environmental loads.

EDUCATION

2021.8- Georgia Institute of Technology, US

MS in Environmental Engineering (Civil and Environmental Engineering)

In Dr. Armistead Russell's research team, investigating Ozone formation with respect to NO_x and VOCs using Chemical Transport Models and Meteorology Models.

2021.4-8 Osaka University, Japan

MS in Sustainable Energy and Environmental Engineering

Studied system of Nuclear Energy, Nuclear fuel cycle, Risk assessment of energy plants, energy mix considering climate change and effects on ecosystem and economy.

2017.4-2021.3 Osaka University

BS in Sustainable Energy and Environmental Engineering

In Dr. Katsuhisa Kitano's research team, worked on evaluation of the bactericidal effect of HOONO₂ based on chemical kinetics and wrote undergraduate thesis.

RELEVANT EXPERIENCE

2021.6-8 Science & Technology Inst., Co. Tokyo, Japan

Intern: Conducted Electromagnetic fields Simulation, reported results and discussions for users, developed GUI tool with Visual Basic, Supported Users who use own products.

2019.8-9 DGIST, Korea (Research University)

Research internship in Prof. Jung-Il Hong's research team: examined the dynamics of electron spin in low-dimensional material system.

OTHER EXPERIENCE

2017.7-2021.6 Jolly-Pasta CO. Mino (family restaurant)

Part-time: serving customers, cooked orders, organized the operation as a leader

Languages and software skills

Japanese: Native, English: IELTS 7.5, TOEFL 105, TOEIC 825

GRE Verbal-154 Quantitative-168 Writing-4.0

Visual Basic (for development of GUI tool), Python (for Statistics analysis), Inkscape (research visualization)

Membership

- HEIWA NAKAJIMA FOUNDATION

- The International Association for the Exchange of Students for Technical Experience (IAESTE)