
Education

2021-Present **B.S Computer Science**, *Georgia Institute of Technology*, Atlanta, GA, Anticipated graduation in 2024

Experience

2022-Present **Intern**, *NTT Network Innovation lab (未来ねっと研究所)*, *Frontier Communications group*, Yokosuka, Japan

Utilizing physical information to make inferences via machine learning about wireless conditions.

2022 (summer) **Researcher**, *Communications architectures research group*, Atlanta, GA

Worked on single-access-point active localization with software defined radio. Work sponsored by NSF REU.

Technology: GNUradio, USRP, Python, NumPy

2021-2022 **Researcher**, *Agile communications and architectures vertically integrated project*, Atlanta, GA

Worked on the passive-localization/activity detection problem with software-defined radio.

Technology: GNUradio, Software Defined Radios(USRP), Python, Tensorflow, NumPy.

2020 **Researcher**, *Florida State University Young Scholars Program*, Tallahassee, FL

Analyzed plankton biomass data from National Ecological Observatory Network.

Technology: Python, Tensorflow, NumPy, Pandas, Matplotlib, Scikit-learn.

Projects

py-NEONutils Library to download and organize NEON(National Ecological Observatory Network) data. Used Python and Pandas.

AMES Generate audiovisual context for spaced-repetition flashcards automatically. Written in shell.

Computer skills

Languages **Python, Java, C++, Bash, Lisp dialects (Elisp, Clojure, Common Lisp)**

Technology **GNU/Linux, Git, \LaTeX , Emacs**

Libraries **Tensorflow, NumPy, Pandas, Matplotlib, Scikit-learn**

Natural Languages

English Native

Kannada Native

Japanese Fluent

French Beginner

Comprehensible input approach