

Min Soo Kim

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EDUCATION

Duke University, Trinity College of Arts and Sciences; Durham, North Carolina

Expected May 2021

Bachelor of Science in Computer Science / Bachelor of Arts in Japanese

Major GPA: 4.0

Relevant Coursework: Data Structures and Algorithms; Discrete Math for Computer Science; Computer Architecture

AWARDS & HONORS

- U.S. National Record Holder in outdoor archery(70m) and indoor archery (18m) for the Junior Division
- Ranked 1st in Junior Division and competed for a spot in the U.S. Olympic Team for Rio Janeiro and Tokyo

WORK EXPERIENCE

Undergraduate Teaching Assistant

August 2018 - Present

Computer Science (Python)

- Led a recitation of 20 students, teaching topics ranging from Python code structure to implementation of Dictionaries
- Aided students with programming for class-specific projects and assignments through consulting hours held twice a week
- Generated reports using data from over 200 students' assignments, regrades, and surveys to impact future course teaching decisions

Undergraduate Research Assistant

September 2018 - Present

Data Science (Python)

- Partnering with Duke Hospital, used Google's Tensorflow to apply convolutional neural network / deep learning and ultimately to optimize patient's care, diagnosis, and treatment
- Collaborated with PhD students and professors with the ultimate goal of achieving a higher accuracy than doctors in diagnosing diseases in fields such as radiology and ophthalmology

Peer Tutor

August 2018 - Present

Japanese

- Provided tutoring services twice a week to a group of 2 to 3 students requiring assistance on Japanese reading comprehension, essays, and assignments
- Coordinated consulting hours with the Duke Japanese Department to help struggling students become more natural in speaking and writing Japanese

LEADERSHIP EXPERIENCES

Duke Archery Club; Durham, North Carolina

September 2017 - Present

Co-Founder

- Supervised a team of over 20 members, and ranked 3rd and 9th place at the US National Indoor Championship
- Received a \$5,000 grant from the United States Archery Association and Fivics Archery Corporation for bows, arrows, and other archery equipment

SIDE PROJECTS

Japanese Dictionary/Translator

- Developed Full-Stack Python application, using Tkinter and BeautifulSoup, bypassing the hassle of searching multiple dictionaries individually to find the optimal translation

CoaexCompiler

- Built a Python script / bot using Selenium to automate high-frequency trading in the cryptocurrency market
- Helped test the beta version of a Korean cryptocurrency trading platform (coaex.io)

LANGUAGES & SKILLS

Language: Korean (native); Japanese (proficient); Spanish (conversational proficiency)

Technical Skills: Python, Java, HTML5/CSS3, JavaScript, C/C++

Tools: Jupyter Notebook, Node.JS, Angular CLI, TensorFlow, Beautiful Soup, Selenium