Daniel Choi (최준영)

jerichoi224@gmail.com
www.daniel-choi.com
LinkedIn
linkedin.com/in/jerichoi224/
Github
github.com/jerichoi224

WORK EXPERIENCE

Fasoo [2021 Feb – Present]
Associate Research Engineer (FED Client Team)
- Was Responsible for developing and maintaining Windows modules and libraries related to the time management and shell implementation for the Company's main product, FED.

University of Virginia
Teacher Assistant (CS1112, ECE2330, CS3330)
- Worked as a teacher assistant with high understanding of varying topics: sequential network design, and hardware implementation of the memory system and virtual memory.

Amazon [2018, 2019 Summer]
Summer Intern (AWS EMR Team)
- Automated the workflow of dealing with Trouble Ticket by developing an expandable automated pipeline that would trigger for new trouble tickets.

Summer Intern (AWS EMR Team)
- Reduced the time required for a policy scan task from several days to few minutes by developing an automated IAM Policy Scan tool integrating AWS services such as Amazon Athena and S3 into a Ruby on Rails website.

PROJECTS & ACCOMPLISHMENTS

Paintings and Language (Pytorch, Python)
- Explored different models of image-text pair generation using neural network models such as GAN and LSTM.

System for Context-Relevant Term Search (Java)
- Built a system for context-relevant term search using the Jelinek-Mercer Language Model with the Lucene Library

Dead Life of Samantha Yarn (Unity, C#)
- A 2D adventure puzzle game using the Unity Engine.

Workout Tracker, Money Tracker (Flutter, Dart)
- Built android apps using flutter that helps manage gym workout sessions and monthly financial spendings

KSEA Central Virginia YG Chapter
- President of the YG Chapter of KSEA in UVA.

ACM at UVA
- School representative in the regional round for ICPC 2016

EDUCATION

University of Virginia
Masters in Computer Science
Cumulative GPA: 3.823

B.A. in Computer Science
Cumulative GPA: 3.774
Major GPA: 4.0

RELEVANT COURSEWORK

Vision and Language
Design and Analysis of Algorithms
Computer Architecture and Design
Data Mining
Deep Learning for Visual Recognition
Machine Learning
Advanced Embedded Systems
Software Security
Software Engineering for Robotics
Computer Graphics
Computer Vision
Mobile Application Development
Computer Game Design
Defense Against the Dark Arts
Information Retrieval
Computer Netowrks
PL for Web Applications
Algorithms

SKILLSETS

Programming
Java
Dart
- Flutter
AWS
- S3, IAM, Athena
Python
- NumPy, Pytorch
- ROS
C++, C#
- Win32 API
- Unity
Ruby onRails

Spoken Languages
Korean
English