Viswanath Chadalapaka

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OBJECTIVE
To creatively apply CS and AI to build highly-valuable services.

TECHNICAL SKILLS
Dev Platforms/Frameworks: AWS, PyTorch, Scikit
Programming Languages: Python, C++

EDUCATION
University of Southern California   08/2021-Present (expected 2023)
M.S. Honors in Computer Science – Artificial Intelligence (GPA: 4.0)
Los Angeles, CA, United States

University of California, Davis   09/2017-12/2020
B.S. in Computer Science (GPA: 3.62, Major GPA: 3.80)
Davis, CA, United States

EXPERIENCE
Meta, Software Engineer Intern   05/2022-08/2022
Responsibilities: Devising new model features and building a metrics collection framework for Ads models
Achievements: Built a new metrics framework for FB and Instagram Ads models, and tested novel features for them
Technologies: PySpark, Presto

USC Institute for Creative Technologies, Grad Student Researcher   09/2021-05/2022, 08/2022-Present
Responsibilities: Exploring multi-agent reinforcement model training techniques, funded by DARPA
Technologies: PyTorch (graph learning, reinforcement learning), Tensorboard

AWS, Solutions Architect   01/2021-06/2021
Responsibilities: Interacting with AWS customers to provide scalable cloud architectures
Achievements: Shadowed enterprise-level discussions, built real-time ML-powered live stream censoring service
Technologies: AWS SageMaker, Lambda

AWS, Solutions Architect Intern   06/2020-09/2020
Responsibilities: Designing and developing an ML model for classifying multimodal data
Achievements: Designed and demonstrated a high-accuracy product classifier via a SageMaker Algorithm
Technologies: AWS SageMaker, ECR, Docker

PORTFOLIO
Crypto Pump and Dump Detector, a state-of-the-art model for crypto pump and dump detection (**link**, **paper**)
AI Educator, a web service leveraging AI to create structured, educational content (**link**)
Multimodal Data Algorithm, an AWS Sagemaker-ready algorithm for use on large multimodal datasets (**link**)
Discord Chess Bot, a fun, trash-talking discord bot with which you can play blindfold chess (**link**)

HOBBIES
● 11+ years of programming experience from building games as a kid (**link** to my first game)
● Eagle Scout who is confident in high-responsibility team roles
● Violinist of 12 years and former first-chair player, with experience delivering in high-stress situations
● Enjoy playing blitz and bullet chess