Natalie Pham

Rising Junior in Computer Science Student @ University of Southern California

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CERTIFICATES

Coursera: AWS Fundamentals-Cloud Native

Coursera: Google Cloud Platform Core Infrastructure

SOFT SKILLS

Communication

Critical Thinking

Problem Solving

Teamwork

Leadership

Flexibility

INTERESTS

AI / ML   AR / VR

UI / UX Design

Cloud Computing / IoT

Web / iOS / Android Development

Data Engineering / SQA

Technical Product / Program Management

RELATED WORK EXPERIENCE

Software Engineering Intern
Intel Corporation

01/2021 - 05/2021

Achievements/Tasks

□ Work to build two different applications using C# and Python to optimize and seamlessly extract large data and perform software/data analysis.

□ Help engineers in performing software tests, debug issues, and develop software test content and improving test infrastructure.

□ Assist with ad-hoc system-level software development in areas such as OS kernel and firmware development.

Computer Engineering Intern
NASA | Marshall Space Flight Center

08/2020 - 12/2020

Achievements/Tasks

□ Assisted with mapping technical documentation for the architectural framework of a new aircraft engine project.

□ Used NASA machine learning tools/software to design solutions, and model framework of the engine.

□ Validated Model-Based Systems Engineering Pilot models to accurately represent applications with H2ST project.

EDUCATION

Bachelor's in Computer Science
University of Southern California

08/2019 - 05/2023   *GPA: 4.0/4.0, Dean's List*

Relevant Courses

□ Algorithms Theory   □ Software Development

□ Data Structures   □ Computer Systems

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, C++, C#, HTML5, CSS3, x86, Swift, SQL

Operating Systems / Software: macOS, Windows 10, G-Suite, Adobe Creative Suite, Figma

Platforms / Tools / Databases: AWS, GCP, Git, Xcode, VS Code, MySQL, SQL Server, MongoDB

Software Frameworks / Libraries: Agile, Scrum, React.js, Node.js, Android Studio, PyTorch, Unity

PERSONAL PROJECTS

Machine Learning: Deploying a Sentiment Analysis Model

□ Construct a recurrent neural network for the purpose of determining the sentiment of movie reviews using IMDB dataset, Amazon SageMaker ML, PyTorch ML library, and Python to create scripts for model analysis.

Machine Learning: Plagiarism Detector

□ Utilize Amazon SageMaker and Python to build a plagiarism detector that examines a text/word file and performs binary classification to label the file as plagiarized or not.