LAM DUONG

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EDUCATION

B.S. Computer Science
B.S. Neuroscience
George Mason University

📅 Graduated December 2020 📍 Fairfax, VA

Software Architecture Software Engineering
Computer Architecture Analysis of Algorithms
Data Mining Artificial Intelligence Operating Systems

EXPERIENCE

Undergraduate Research Assistant
GMU Computational Social Neuroscience Group

📅 August 2019 - May 2020 📍 Fairfax, VA

– Developed interactive software for neuroscientists and test subjects.

– Streamlined the development process by developing modular components.

– Mentored and brought colleagues up to speed on Python development.

Project Manager
Software Engineering Project at GMU

📅 January 2018 - May 2018 📍 Fairfax, VA

– Utilized UML, Kanban, MySQL, Git, and Agile in development.

– Oversaw a team of 4, ensuring working code were delivered on time.

– Developed CollegeSP with a test-driven approach on tight deadlines.

EXTRACURRICULAR

President & Treasurer
Association for Computing Machinery

📅 May 2019 - December 2020

– Designed a programming curriculum involving for members and students.

– Coached students of varying levels in programming and problem solving.

– Planned and participated in weekly programming problems.

Undergraduate Coordinator
Students in Neuroscience

📅 January 2018 - December 2020

– Led biweekly discussions on peer-reviewed neuroscience articles.

– Organized annual conferences for neuroscience department.

– Maintained and updated website for organization.

SKILLS

Languages:

Java C C++ Python Bash
Lisp SQL Qt MIPS Assembly
Prolog JavaScript

Technologies:

Git Linux (Arch) Vim Emacs
LaTex NodeJS TensorFlow
SKLearn NumPy

PROJECTS

AIMAj-CPP
AI library with supervised learning algorithms, such as decision tree.

C++ Catch2 Machine Learning

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MagicHands
Image recognition of hand gestures using a convolutional neural network.

Machine Learning Python Keras

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BeesKnees
Bathroom finder and facility promoter using two-tier architecture. Locate the nearest bathroom/facility. Users can rate and review different facilities.

OAuth Node.js Pug.js
Google Maps API FireBase

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lam-duong.com
Personal website that ran on the cloud using automatic deployment.

AWS EC2 Nginx PM2 Express.js
Git Hook