

LAM DUONG

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github.com/lamduong33

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

MIPS Assembly

Prolog

JavaScript

Technologies:

Git

Linux (Arch)

Vim

Emacs

LaTeX

NodeJS

TensorFlow

SKLearn

NumPy

PROJECTS

CollegeSP

College planning application that allows users to create profiles and save college plans. College plans are visually presented as a tree and saved to each user profile.

GraphStream

JUnit

JDBC

Git

Agile

MagicHands

Image recognition of hand gestures using a convolutional neural network.

Machine Learning

Python

Keras

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

lam-duong.com

Personal website that ran on the cloud using automatic deployment.

AWS EC2

Nginx

PM2

Express.js

Git Hook