LAM DUONG

@ E-mail: lamduong2@acm.org   **Phone:** (703) 501-8323   github.com/lamduong33

EDUCATION

B.S. Computer Science and Neuroscience
George Mason University

August 2015 – December 2020   Fairfax, VA

Software Architecture   Data Structures

Database Concepts   Software Engineering   Statistics

Linear Algebra   Analysis of Algorithms (Upcoming)

Artificial Intelligence (Upcoming)   Data Mining (Upcoming)

EXPERIENCE

Undergraduate Research Assistant
GMU Computational Social Neuroscience Group

August 2019 - December 2019   Fairfax, VA

- Develop interactive software for neuroscientists and test subjects.
- Integrate NumPy and PsychoPy packages for development.
- Unit testing with PyTest.

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.

Treasurer
Association for Computing Machinery - GMU Chapter

May 2019 - Present

- Plan and participate in weekly competitive programming exercises.
- Present algorithms and possible solutions to fellow student and club members.
- Allocate financial resources and organize events.

Undergraduate Coordinator
Students in Neuroscience

January 2018 - Present

- Lead biweekly discussions on peer-reviewed neuroscience articles.
- Organize annual conferences for neuroscience department.
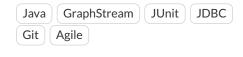- Maintain and update website for organization.

PROJECTS

AIMA-CPP
Personal AI library with supervised learning algorithms, such as decision tree learning. Python extension and neural nets are planned.
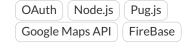
Machine Learning   C++   Google Test

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.

Java   GraphStream   JUnit   JDBC
Git   Agile

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 running on the cloud and using automatic deployment.

AWS EC2   Nginx   PM2   Express.js
Git Hook