FLAVIO
AMURRIO

7717 Bristow Dr. Annandale VA 22003
(703)655-3443
FlavioAmurrioCS@gmail.com
https://www.linkedin.com/in/flavioamurriocs
https://github.com/FlavioAmurrioCS

OBJECTIVE

An upcoming engineer with strong analytical and problem-solving skills looking to acquire a full-time position in the software development industry.

EDUCATION

B.S. in Computer Science | George Mason University   May 2018
Advance Courses: Analysis of Algorithms, Comparative Programming Languages, Computer System Architecture, Data Mining, Data Structures, Mobile Application Development, Software Testing and Maintenance, Visual Computing.

GPA: 3.12

A.S. in Information Technology | Northern Virginia Community College   Dec 2015

SKILLS

- Languages: Java, C, C++, C#, Python, JavaScript, Haskell, Lisp, XML, CSS, HTML, JSON
- IDEs/ Text Editors: Android Studio, Eclipse, IntelliJ, Microsoft Visual Studio, Visual Code, Vim
- Packages/ Libraries: AWS, Firebase, jQuery, JUnit, NLTK, Node.js, Scikit-learn, Numpy
- Soft skills: Ability to Work Under Pressure, Creativity, Leadership, Multitasking, Quick to learn new technologies, Self-Driven, Team Player, Time Management
- Other: Linux/UNIX, Git, GitHub, OOP Design, Machine Learning, Software Development Life Cycle (SDLC), UML Design, Version Control, Web Development and Design, Graphic Design, Adobe CS Suite, Home Theater, Bilingual in Spanish and English, Microsoft Office Suite (Word, Excel, PowerPoint), Photoshop, Robotics, Sony Vegas, VMWARE, VirtualBox, Video Editing

PROJECTS & ACCOMPLISHMENTS

- Context Aware Image Scaling   Feb 2017
  A Java implementation of image seam carving. Energy values are calculated at each pixel and the path of least energy-connected pixel is removed. The output is a resized image that has lost minimal to no content. See project: https://github.com/FlavioAmurrioCS/ImageSmash
- GMU Local HackaDay Winner (1st Place)   Dec 2017
  Developed "UniSell" for Android and iOS that allowed students to buy and sell good within their own college community. It required official university email to register as well as SMS verification. See project: https://github.com/flavioamurriocs/gmuhackday
- eGlobalTech Hackathon Winner (1st Place)   Nov 2017
  Led a team that developed a Twitter network crawler that finds a subset of people interested in a certain topic or keyword with the use of machine learning. See project here: https://github.com/flavioamurriocs/egthackathon

- GWU Hackital Participant   Nov 2017
  Created a Google Chrome extension that allowed the filtering and blocking of offensive content on social media (such as Facebook and Twitter). Utilized a database of known offensive words as well as Machine Learning implementation to predict and remove future offensive content. See project here: https://github.com/FlavioAmurrioCS/HarassmentBlocker
- Java Based Document Classifier   Sept 2017
  Designed and developed a java application that can predict and classify new text data using an implementation of k "nearest neighbor algorithm" and decision tree.
  See project here: https://github.com/FlavioAmurrioCS/Clustering---Java
- Schedule Based Photo Application   Jan 2017
  Developed schedule-based photo organizing application. It implements a scheduling and file management system that allows user to organize photos based on schedule. Application includes Google Calendar integration. https://github.com/flavioamurriocs/classcam

EXPERIENCE

Secure Mobile App Developer | NetComm – Capstone by GMU   Fairfax, VA
SEPTEMBER 2017 – PRESENT
- Encrypt all data at rest on mobile devices and data in transit from servers to the mobile devices in compliance with FIPS-200 and NIST 800-53.
- Build apps using Microsoft Visual Studio with Xamarin, a cross-platform compiler for both Android, iOS devices and Windows devices.
- Ensure that any unauthorized access is stopped and recorded.
- Ensure that users of the application can securely access their data whenever they need to.

Technical Support Consultant | Vidaurre Realtors Inc.   Annandale, VA
FEBRUARY 2009 – PRESENT
- Diagnosed hardware and software issues on computers and mobile devices
- Maintenance and optimization of hardware and software to improve desktop reliability.
- Perform data recovery of customer's files using command line tool PhotoRec.
- Set-up automatic backups of essential documents.
- Remote desktop management for when a physical presence is not possible (using TeamViewer).
- Set up work environment on Window and Macintosh machine to maintain a uniform work experience.

Math Instructor | Mathnasium – The Math Learning Center   Arlington, VA
OCTOBER 2015 – FEBRUARY 2016
- Conducted initial assessments for prospective students.
- Created and update individualized learning plans and managed curriculum needs for each student daily.
- Conducted partial assessments for existing students as required by center procedures.
- Communicated/collaborated with teachers (with parental consent) on student's requirements and progress.

INTERESTS & ACTIVITIES

Azucar – GMU Salsa Club, Azucar Performance Team, Alma Boliviana (Bolivian Folkloric Dance), SHPE (Society of Hispanic Professional Engineers), SCRT (Student-Run Computing + Technology), GMU Robotics Club.