Samuel Dominguez

A CS/Math nerd with a bit of industry experience looking to join a team that enjoys solving problems in a fast-paced environment.

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EXPERIENCE

Amazon Web Services AI, Palo Alto — *Software Development Engineer Intern*

Summer 2019

Took code for a new CNN model and created a dataset to train the model. Afterwards, I added the trained artifacts to the AWS AI Deep Racer's online console and physical device. This required using ROS, Tensorflow, Intel Open Vino, and OpenCV.

Amazon, Seattle — *Software Development Engineer Intern*

Summer 2018

Shipped multi-threaded features written in Java to handle tens of terabytes of data transferring and storing at a time. Re-implemented some features in AWS S3 to handle this.

Sylmar Code, Los Angeles — *Python Instructor*

Summer 2017

Created and implemented a curriculum with fun projects to introduce kids to programming. Kids were able to program simple games by the end of their lessons.

Although I do not teach anymore, I left up the website for it at https://sdomi003.wixsite.com/sylmar-code

ACADEMIC RESOURCE CENTER, UCR — *Lab Leader*

Summer 2016 and Fall 2016

As a TA I taught 2 freshman math classes of 30 students each. Each class was 2 hrs/3 days a week.

I received great student reviews for being prepared and going beyond my job description.

EDUCATION

University of California, Riverside — B.S. *Computer Science*

September 2015 - Spring 2020

3.4 out of 4 Cumulative GPA

3.5+ out of 4 Math & Science GPA

SKILLS

Proficient in C++, Java, Python, S3

Learning: Tensorflow, ML and Data Mining,

Have led multiple student orgs at UC Riverside.

RELEVANT COURSEWORK

Computer Science
Compilers, Software Development in C++, Machine Learning, Operating Systems, Embedded Systems, Virtual Reality, Database Management, Artificial Intelligence, Information Retrieval

Mathematics
Multivariable Calculus: Derivative and Integral, 3 courses in Linear Algebra (Upper Div, Applied, & using MATLAB), Differential Equations

AWARDS & SCHOLARSHIPS

Dean Emerita Loda Mae Davis Scholarship

Chancellor's Honors List (highest yearly academic award)