Mark Swoope

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https://github.com/Protovision

Languages

C, C++, Lua, Python, Javascript, HTML, CSS, LaTeX

Experience

Tutor
California State University, San Berardino
January 2019 - March 2019

Part-time tutor for the Computer Science and Engineering department at CSUSB.

Teaching Assistant
California State University, San Bernardino
April 2016 - December 2018

Under the supervision of Dr. Turner: I prepared assignments, course websites, and often gave lectures for students learning C++ and web development.

Research Internship
University California, Santa Barbara
August 2015 - September 2015

Created an application for training serializable, neural networks for object recognition research using Lua and Torch. My mentor was Utkarsh Guar at the UCSB Center for Bio-Image Informatics.

Software Engineering Project Manager
California State University, San Bernardino
April 2015 - June 2015

Designed, assembled, and programmed an internet-enabled, Arduino device for a library occupancy tracking project initiated by Dr. Concepcion for the CSUSB Pfau Library.

Personal Projects

`socketstream`: Cross-platform, iostream-based, synchronous socket I/O for C++.
`moonbase`: A SDL-powered, graphical engine for Lua programs packaged in zip files.
`mht`: A traversable hashtable implementation for C.

Education

California State University, San Bernardino
Bachelor of Science in Computer Science (Fall 2012 - Winter 2019)