Tiara Imani Logan

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Objective

To acquire a full-time position in the field of Computer Science

Education

Syracuse University, College of Engineering and Computer Science **May 2021**
Major: Computer Science, B.S.
Minor: Animation
Related Coursework: Database Management, Access/Control/ Trust Systems, Data Structures, Design Operating Systems, Systems Programming, Web Systems Architecture/Programming, Ethical Aspects of ECS, Advanced 3D Animation

Skills

Technical: IOS Development, Agile Project Management
Languages: Java, Swift, C#, SQL, C, OpenGL API, Python, True Basic
Applications: XCode, DrJava, BlueJ, Maya, Photoshop, Unity, Ubuntu, SQL Server Management Studio

Projects

Gentle Medic **May 2020 - Present**

- Worked with mentor to create IOS software application. Used API to pull information from government database. Connected information to user and user information to Firebase Database. Built email login system. Set up UI for various inputs. Set up commenting process for users

Me and Mine, IOS Maternity Application **March 2020**

- Partnered with a team to create an IOS application with XCode. Used agile development process. Modeled as scrum master for first sprint. Managed software interface and navigation

Code Optimization **Apr 2019**

- Collaborated with a team to improve execution of given code through using caching, *SIMD,* and superscalar optimization mechanisms. Speed up run time of code

Candy Land **Dec 2017**

- Designed a computer-generated version of board game *Candy Land*. Programmed in *Java* using an assortment of arrays and functions to create board, players and develop a scoring system. Enhanced ability to apply a variety of methods to create a running program

Research Experience

Louis Stokes Alliance for Minority Participant Undergraduate Research **Jun 2019 - Aug 2019**

- Developed *A.I.: Animated Intelligence* using artificial intelligence to code neural networks with *Python* to develop a software that will take two images and create a given number of intermediate images. Focused on convolutional neural networks and *OpenCV*

Louis Stokes Alliance for Minority Participant Undergraduate Research **Sept 2019 - Nov 2019**

- Utilized new understanding of current neural network pyramidal cell layout to develop new construction of other prominent cells in a brain which lie within cerebral cortex. Implemented various mathematical equations for use of running data to simulate consciousness

Relevant Conferences

Louis Stokes Midwest Regional Center of Excellence 2019 Annual Conference **Oct 2019**
Upstate Louis Stokes Alliance for Minority Participation Conference, featuring the GEM GRAD Lab **Oct 2019**
SUNY Upstate Medical University Research Symposium **Aug 2019**