Arvin Lin

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Objective: Highly motivated recent grad seeking to obtain a full-time Software Engineer job at the Walt Disney Company

Education:

Syracuse University, College of Engineering and Computer Science (ECS)   **May 2021**
Bachelor of Science Computer Science, **GPA:** 3.42/4.0
Study Abroad, London Center: Computer Science   **Fall 2019**

Skills:

Programming Languages: Python (500+ line of codes), C++ (500+ line of codes), Java (200+ line of codes), Arduino (100+ line of codes), HTML5 (500+ line of codes), CSS (500+ line of codes), SASS (500+ line of codes), JavaScript (200 + line of codes), React (100+ line of codes), PHP (100+ line of codes), MIPS (200+ line of codes), Robotics Operating System (ROS), ROS 2, DAX
Technical: Ubuntu Linux, GitHub, Visual Studio Code, Visual Studio, Jupyter Notebooks, PyCharm, Google Cloud Platform (GCP)
Spoken Languages: English (Fluent), Mandarin (Conversational), Fuzhounese (Conversational)

Relevant Courses: Computer Graphics, Controls of Robots, Advanced Front End Web Design, AI, Analysis of Algorithms, Data Structure, Design OS, Cryptography, Software Implementation, Software Specification and Design, Illustrations, Comic Books

Relevant Work Experience:

Real Chemistry, Software Developer Intern, Remote   **June 2021 – Present**
Seshat Unit Test   **August 2021 – September 2021**
- Work in an agile environment with co-intern and manager to create, deploy and document unit tests for a data management system on a daily basis utilizing **PyCharm**, **Python**, and **GitHub**

Copernicus: Data Migration   **June 2021 – August 2021**
- Coordinated with a Data Scientist (DS) and Senior DS on a daily basis to refactor old data scheme with new data scheme, SWOOP, and fix occurring errors utilizing **Python**, **Jupyter Notebooks**, **GitHub**, and **GCP BigQuery**

Black Coalition Against COVID (BCAC) Campaign: Community Cares   **July 2021 – August 2021**
- Teamed up with 9 other interdisciplinary interns to create and pitch a campaign strategy, *Community Cares*, for the BCAC and other company business stakeholders
- Organized and researched COVID19 vaccine rate and infections in Arkansas, Louisiana, and Missouri to find efficient ways to spread awareness, and increase vaccine rates in the black communities

Exploratory Data Analysis: MDL & Citeline   **June 2021 – August 2021**
- Explored and load data from **GCP BigQuery** to answer research questions, utilized **Jupyter Notebook** to showcase over 15 data visualizations to present to technical and non-technical stakeholders

IBM Accelerator Program, Software Track, Participant, Remote   **June 2021 – July 2021**
- Participated in bi-day basis and received a completion certificate in building soft skills, technical skills for full stack in web development such as **React** and **JavaScript** and network with fellow IBMers and other participants

Johnson Controls, Software Developer Intern, Syracuse, NY   **July 2018 – August 2018**
- Established accessible data analytics dashboard, *Know Before You Go*, in coordination with Analytics and Customer Care Departments showcasing over 50 data visualizations utilizing **Power BI** and **DAX** to be used by Customer Care Department

Engineering Applications:

Minimalistic Boutique, Introduction to Computer Graphics   **April 2020 – May 2020**
- Created an interactive boutique exercising **OpenGL** and **C++** that allow users to use their keyboard to move clothes around, increase/decrease leaves to the tree, switch lights on/off and a design for the skirt

House of Madness, Introduction to Computer Graphics   **April 2020 – May 2020**
- Utilized **OpenGL** and **C++** to create an interactive Harry Potter themed house using the keyboard to turn on/off lights, hold a flashlight in front of the user, open door, and a hat that randomized a house to be placed in

Robot Car, Control of Robots, Programmer   **January 2020 – January 2020**
- Partnered with a classmate to utilized **Teensy Arduino**, 4 LIDAR sensors, LCD Display, and serial monitor to develop an obstacle avoidance algorithm and make various turns at different angles

Leadership/Activities:

ECS Dean's Advisory Panel (DAP), Panelist   **March 2020 – May 2021**
Engineering World Health, Member   **December 2018 – May 2021**
Society of Asian Scientists and Engineers (SASE), Community Outreach Chair   **January 2019 – May 2019**
Invent@SU, Inventor   **May 2018 – June 2018**