Kevin Lee

Computer Science • Software Engineer

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Experience

Leda Health.
Software Engineer Analyst
New York (Remote)
July 2020 - Oct 2020

- Developed map of SANE Nurse.
- Built a conversation bot for communication with survivors
- Designed the architecture for an anonymous community application for IOS and Android platforms.

Student Technology Loan Technology
Student Assistant
Seattle, WA
July 2019 - Current

- Facilitate equipment reservation requests using an online reservation system.
- Familiarization of satellite office locations and differences in equipment stock.
- Gain operative knowledge of a wide variety of technological equopment offered by the loan program.

Projects

SupyBlog
Python

- A full stack blog web application with user flow and other general blog functionality.
- Using Flask Web framework and a SQL database to persist user and blog data.

Memory Allocation
C

- Implemented and tested a memory management package that has the same functionalities libraries: “malloc” and “free”.
- Utilized software development tools like “make”

Guitar Simulation
Java

- Built a computer keyboard playable guitar with object oriented programming.
- Integrated the Karplus-Strong Algortihm to replicate accurate pitches, pluck vs pick sounds, and frequencies.

Kobe Bryant
Python

- Measured Kobe Bryant’s effectiveness on the Los Angeles Lakers using raw statistics.
- Data analysis and visualization conducted utilizing “sklearn” and “matplotlib”.

Education

University of Washington
Seattle-Bothell, WA
Class of 2023

Major:
Computer Science (BS)

Relevant Courses

- 2019-2020: Computer Programming I & II (Java), Web Programming, Data Programming (Python),
- 2020-2021: Technical Foundations (R), Data Structures and Algorthims (Java), Database Systems (SQL), Programming Concepts and Tools (C)

Skills

OOP	C	JavaScript
Python	R	Web Development
Java	HTML/CSS	SQL