Kevin Lee

Aspiring Software Engineer

An avidly growing programmer who has strong object-oriented programming skills, solid understanding of data structures and algorithms, and a penchant for writing optimal code.

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Education

University of Washington, Seattle

CLASS OF 2022

2018 - 2019: Computer Programming I & II (Java)

2019 - 2020: Web Programming (JS, SQL, HTML/CSS) , Intermediate Data Programming (Python), Technical Foundations (R)

Projects

Supy

Currently coding 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.

Guitar Simulation

Created a computer keyboard playable guitar with object oriented programming, utilizing the Karplus-Strong Algorithm to replicate accurate pitches, pluck vs pick sounds, and frequencies (Java).

Kobe Bryant

Measured Kobe Bryant's effectiveness on the Los Angeles Lakers using raw statistics. Data analysis and visualization conducted utilizing sklearn and matplotlib (Python).

Experience

Audio Visual Lights Team - Media Director

September 2017 - Present, Seattle Onnuri Church

Volunteer to manage multiple channel sound systems to provide optimal sound for various bands, solving various technical problems.

Student Technology Loan Program - Assistant

July 2019 - Present, University of Washington

Facilitate equipment reservation requests using an online reservation system. Familiarization of satellite office locations and differences in equipment stock.

Technology Student Association - Reporter

July 2016 - June 2018, Henry M. Jackson High School

Drove communication efforts for a school chapter of 50 students through multi-media channels. Helped coordinate district-wide competitions.

Computer Skills

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