

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

2019 - 2020: Web Programming (JS, SQL, HTML/CSS) , Data Structures and Algorithms (Java), Intermediate Data Programming (Python)

Projects

Blog Website

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.

Huffman Encoding Tree

Implemented a compression scheme using a Huffman encoding tree to losslessly compress text files based on character frequency (Java).

Experience

Audio Visual Lights Team - Media Director

September 2017 - Present, Seattle Onnuri Church

Volunteer to manage multiple channel sound system 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 school chapter of 50 students through multi-media channels. Helped coordinate district-wide competitions.

Computer Skills

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