

# Shrihun Sankepally

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## EDUCATION

### Skyline High School

*High School Diploma with IB Career Path Certificate*

Sammamish, WA

Aug. 2020 – June 2024

### University of Washington

*Pre-Sciences Major*

Seattle, WA

Sep. 2024 – June 2028

## EXPERIENCE

### Coding Teacher

*Cascade Ridge Elementary*

April 2023 – June 2024

Sammamish, WA

- Instructed elementary schoolers in various schools in the Issaquah School District on Scratch coding skills
- Created an interactive curriculum for students filled with projects and group collaboration
- Helped teach various assistant teachers that grew to become teachers in their own right

### Teaching Volunteer

*King County Library System*

July 2021 – June 2024

Sammamish, WA

- Instructed elementary schoolers online in group classes. Taught subjects like math and history
- Created group lesson plans with my assistant teachers and made open discussions in class

## PROJECTS

### Elephant Backend | *Java, Spring, PostgreSQL, Gradle, Git*

April 2021 – Present

- Helped develop a full-stack back-end web application using the Spring framework
- Used various features of Java Hibernate to store data into PostgreSQL databases
- Stored user data with authentication to help create a program that facilitates user studying
- Used backend hosting like Heroku

### Minecraft Mods (Villager Names, etc) | *Fabric API, Java, Gradle, Git*

November 2020 – Present

- Developed several Minecraft modifications using the Fabric modding toolchain
- Published mods to websites that have gained over 7.5 million downloads
- Have done extensive work on other Minecraft mods, like Iris and the PlayerEX rewrite
- Collaborated with Minecraft server administrators to suggest features and get feedback about mods

### StockBlogger App | *Chat-GPT API, Java Swing, Java, Gradle, Git*

March 2024 – Present

- Developed app to monitor the fluctuating stock price of a stock within last 5 years
- Will compare stock to contemporaries in the industry
- Provides recent news on stocks using EODHD API
- Collaborated with a client that gave one-on-one feedback

### NFL Season Simulator | *Python, Tensorflow, Pandas, numpy*

May 2024 – Present

- Developed model that takes in 150 statistics for a team and predicts win percentage
- Scrapes statistics from public sources online
- can predict season win percentage when provided statistics over a certain range of dates

## TECHNICAL SKILLS

**Languages:** Java, Python, SQL (Postgres)

**Frameworks:** Fabric Toolchain, Spring, Hibernate

**Developer Tools:** Git, Postman, Gradle, VS Code, Visual Studio, PyCharm, IntelliJ

**Libraries:** Java Swing, Sponge Mixin, NumPy, pandas, Tensorflow, Fabric API, Gson, Spotify API, Discord API, Chat-GPT API