Robert L. Burris

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Education

University of Washington *Seattle, Washington*
B.S. in Engineering *Fall 2019 - Spring 2023 (Expected)*
- Currently a student in the UW College of Engineering Program
- Plan to apply to the Computer Science and Computer Engineering Majors at the end of my freshman year
- Member of the Dean's List Fall Quarter 2019

Early Entrance Program at the University of Washington *Seattle, Washington*
Transition School *Fall 2018 - Spring 2019*
- One of 17 14-15 year old students selected for an intensive college preparatory program for the academically gifted
- Took rigorous courses in Math, Biology, English, and History for 1 year

Work Experience

Summer Stretch - Robinson Center for Young Scholars *Seattle, Washington*
Summer Programs Teaching Aide *June 2019 - July 2019*
- Served as a TA for the accelerated Algebra 2 class.
- Communicated with lead programs staff on behalf of the teacher.
- Developed mathematical curriculum meant to serve as a more theoretical and rigorous supplement to the course material.
- Helped answer student questions and provide support to students in the class.

Projects

Personal Website - roblburris.com
End to End Developer
- Designed a full stack website to serve as a homebase for side projects using Node.js (Express and EJS modules) and HTML/CSS.
- Currently hosted on a private server with Docker used as the deployment method
- Website is continually tweaked 2-4 times a month for improved readability, new content, and general updates

Spotify Discord Bot
Developer
- Built a Spotify analytics and music sharing bot for the chat platform Discord
- Bot allows users to easily find and share songs, albums, and artists as well as Spotify Popularity Metrics with other users through Discord
- Built in Python using the Discord.py and Spotipy libraries
- Bot is deployed through Docker on my personal server

Honors and Awards

Nov. 2019 **5th Place out of 36,** 2019 Fall MIHS Programming Competition *Mercer Island, Washington*

Relevant Coursework

University of Washington Accelerated Honors Calculus I, Intro to Computer Programming I
Other Institutions Coursera Stanford Machine Learning (In Progress)

Skills

Programming Python, Java, Javascript, Node.JS, Octave/MATLAB
Technologies Git, Unix/Linux, LaTeX, Express, HTML/CSS, Docker