

Bereket Sega

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Seeking an Internship or Entry-Level Opportunity in...

Software Engineering

- BSCS undergrad offering a strong foundation in software engineering and programming fundamentals.
- Experienced in object-oriented programming, developing, and debugging code.
- Learn and master new technologies effectively, Comfortable working with a team.

Education

- **Towson University - Towson, MD** SEP 2020 - JUNE 2024
 - Bachelor of Science in Computer Science (BSCS)
 - Relevant Courses: Data Structures and Algorithms, Discrete Mathematics, Computer Organization and Architecture, OOP

Technical Skills

- **Programming Languages:** Java, Python, C++, JavaScript, HTML, CSS
- **Version Control:** Git, GitHub
- **Database:** MySQL, MongoDB, PostgreSQL
- **Tech:** MERN, React, NodeJS, REST, JSON, Docker, npm, JWT
- **Tools:** Visual Studio Code, Jupyter Notebook

Personal Projects

- **Discord Bot** - [\[source code\]](#)
 - created a discord bot to play wordle with.
 - developed using discord npm packages as an API to create a client.
 - deployed the bot using Heroku cloud platform.
- **Premier League Predictor** - [\[source code\]](#)
 - a model that predicts premier league games.
 - developed an algorithm using python on Jupyter Notebook to predict premier league games based on away and home goals history.
 - applied the Poisson distribution to determine the chances of an event happening again.
- **GPA Calculator** - [\[source code\]](#) [\[Live Demo\]](#)
 - a webapp that calculates the GPA for a given credits and letter grades.
 - developed using VanillaJS, HTML, and CSS.
 - used GitHub pages to deploy the website.