Vyshnav Kandamath

[LinkedIn](#) | [Github](#) | vyshnavkandamath@gmail.com | (301) 250-6977

EDUCATION

University of Maryland, College Park   **College Park, Maryland**
B.S. Computer Science (3.61 GPA)   *Expected Graduation: May 2025*
- President's Scholarship
- Honors College: University Honors
- University Dean's List

Relevant Coursework: Object Oriented Programming I & II, Introduction to Computer Systems, Discrete Structures, Introduction to Linear Algebra
Organizations: Maryland Minza Mixer Chair, Phunktions Hip Hop Dance Company

SKILLS

Programming Languages: Java, Python, JavaScript, HTML5/CSS3, C
Frameworks/Softwares: Flask, Git, Github, Firebase, VMware
Tools/Libraries/APIs: REST, Postman, Bootstrap, AJAX, SQLAlchemy

WORK EXPERIENCE

Mindgrasp.ai   **College Park, Maryland**
A tool that helps college students generate AI-powered, personalized notes   *May 2021 - August 2022*
Software Engineering Intern
- Built free trial program that routes new users to payment pages using **Stripe API**.
- Programmed backend using Flask.
- Made frontend API calls through **AJAX** and JavaScript to display the correct webpage.
- Managed external database of users using **Firebase** & **REST APIs.**
- Worked in a startup environment with a team of 5.

Zind Dance Academy   **Silver Spring, Maryland**
Intermediate BollyHop Dance Instructor   *May 2020 - August 2020*
- Trained intermediate youth dancers to learn coordination, choreography retention, and dance movements.
- Taught and organized dance performances and events to foster and inspire growth in youth dancers and artists.
- Communicated to dance students with feedback, goals, and tasks to help improve their skills.

PROGRAMMING PROJECTS & EXPERIENCE

VibeShift/Music Application   **Boyds, Maryland**
A music web application that displays playlist recommendations based on geographic weather data   *August 2022*
- Built a music web application using Flask that takes in weather and temperature data from **WeatherAPI** and develops playlist recommendations through **Spotify API.**
- Developed Python backend API that authenticates Spotify users and receives playlist data. Used **JavaScript** and **AJAX** to receive playlist information from the backend.
- Created user interface using **HTML, CSS,** and Bootstrap to display correct playlist information.

FIRST Robotics Programming   **Germantown, Maryland**
Programmer   *September 2017 - May 2021*
- Coded robot drive and climbing subsystems handling human controlled operations and autonomous vision path-finder software for robots using Java.
- Led and delegated tasks within the programming team to efficiently program a robot for competition season.

Blackjack Simulator   **College Park, Maryland**
Class Project   *January 2022*
- Implemented Java logic of soldier objects onto a GUI battlefield simulation.
- Programmed software and interactions for multiple soldier objects in the game.