

# Vincent Song

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

## EDUCATION

**University of Virginia**, Charlottesville, VA

Expected Graduation: May 2025

*Bachelor of Science, Computer Science, GPA 3.743/4.0*

- **Relevant Coursework:** Introduction to Computer Science, Data Structures & Algorithms 1, Computer Systems & Organization 1, Mathematics of Information, Multivariable Calculus, Competing with Artificial Intelligence, Humanoid Robots

**West Springfield High School**, Springfield, VA

August 2017 - June 2021

*Advanced Studies Diploma, UW GPA: 3.9, W GPA: 4.5, Honor Roll, AP Scholar Recipient*

## SKILLS

**Languages:** Java | Python | C | x86 Assembly | HTML | CSS | JavaScript | C# | Ruby

**Tools:** Visual Studio Code | Eclipse | GIT | PyCharm | Unix/Linux | VIM

**Frameworks:** React | Flask | Ruby on Rails

## RELEVANT EXPERIENCE

**Website Coordinator Intern** / TRTCLE, Inc. / New York, NY

August 2022 – December 2022

- Updated, added, and managed the data inputted for users on the front end for over 60 courses.
- Assisted with customer relationship management system and team.
- Reviewed and analyzed the different types of courses and the information utilized in the system.

**Programming Intern** | Games for Love | Seattle, WA

July 2020 – December 2020

- Organized a group of developers to develop a 2D game in C# using Unity game engine for large-scale VR project. Maintained source code through GitHub, Unity Teams, and shared Google Drive.
- Furthered game development by debugging code, creating objects, classes, and triggers for events in C#, assisted in level design, and collaborated and met deadlines with artists, developers, and music composers in Google Meet.

**Participant** | Hack TJ 7.5 (Virtual) | Alexandria, VA

December 2020

- Attended and won hackathon with group members created by Thomas Jefferson High School for Science and Technology and sponsored by Eastbank Technologies using their TransitIQ API.
- Developed Python applet using TransitIQ API to obtain data to identify transit times for metro buses in Houston, Texas, using Flask (Python web framework), HTML, and CSS for website frontend

**Video Game Design Team 3 Lead** | Virginia TSA | Springfield, VA

May 2020

- Engaged with group members to create video game using Godot language (2D/3D game engine written in C/C++) with team members and documentation for Northern Virginia Regional Competition for Virginia Technology Student Association (TSA).

## CERTIFICATIONS

- **Microsoft Certified: Azure Fundamentals**, Microsoft

August 2022

- **AWS Certified Cloud Practitioner**, Amazon Web Services (AWS)

June 2022

## PROJECTS

**Thai Shop Website**, Personal Project

June 2022 – August 2022

- Constructed front-end webpage for local Thai grocery store using React frontend with JavaScript, CSS, and HTML to create routes and format components.

**Rube Goldberg Electronics**, Gizmoligists Club

January 2022 – May 2022

- Utilized Spin2 and Assembly created by Parallax to build a Rube Goldberg machine by creating stepper motor, LED display, and infrared sensor code and furthered debugging. Compromised with mechanical and computer/electrical subgroup when building and designing prototype.
- Optimized code by reading through documentation and maintaining source control through GitHub repository and Command Prompt.

**DevMatch**, Upskill Essential Web Developer Course Project

December 2021 – January 2022

- Implemented Upskill full-stack web application using Ruby gems, Ruby on Rails, HTML, CSS, JavaScript, Stripe and Heroku for creating routes, initialization and deleting of accounts, storing data in a database, designing web layout, and deployment.