

# Vignesh Venkatesh

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## Education

- **Bachelor of Science in Computer Science**

The Pennsylvania State University

- Cumulative GPA: 3.48/4.0

- Computer Science GPA: 3.78/4.0

- Involved in NDL (Nittany Data Labs), ACM PSU, HackPSU

Aug 2021 - May 2025

University Park, PA

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## Relevant Coursework

- Data Structures and Algorithms
  - Object-Oriented Programming
  - Digital Design
  - Data Management for Data Sciences
  - Systems Programming
  - Blockchain Development
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## Projects

- **Etch A Sketch | Github, Website**

- Developed an interactive Etch-A-Sketch application using HTML, CSS, and JavaScript.
- Implemented event listeners for drawing functionality and dynamic sketch creation.
- Showcased proficiency in web development concepts such as DOM manipulation and CSS styling.
- **Technical Skills:** HTML, CSS, Javascript

- **Exploratory Data Analysis of the Spotify Dataset | Github**

- Analyzed the Spotify dataset that contains data from the years 2000-2019 totaling up to 2000 rows.
- Used Pandas to clean data and create new data frames to aid visualizations.
- Used Matplotlib alongside the Seaborn wrapper to visualize data.
- **Technical Skills:** Python with Pandas, Matplotlib, Seaborn

- **Chess Player Stats | Github, Website**

- Developed an interactive chess player stats application using React and JavaScript.
  - Utilized basic async API fetching to display chess player statistics in an engaging way.
  - Leveraged the React framework by using hooks such as useState and useEffect to create an intuitive and responsive user interface for displaying chess player statistics.
  - **Technical Skills:** HTML, CSS, Javascript, React
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## Skills

- **Technical Skills:** Python, JavaScript, HTML/CSS, React, Node.js, SQL, Git
  - **Languages:** English (Bilingual), Tamil (Native), Hindi (Professional), Arabic (Elementary)
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## Work Experience

- **Pennsylvania State University**  
West Food Market Employee

University Park, PA  
Oct 2021 - Dec 2021