

# Vignesh Venkatesh

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## EDUCATION

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### BACHELOR OF SCIENCE - COMPUTER SCIENCE

Aug 2021 - May 2025

*The Pennsylvania State University*

University Park, PA

- Cumulative GPA: 3.48 / 4.0
- Involved in NDL (Nittany Data Labs) - Member, ACM PSU - Member, HackPSU - Design Team
- Relevant Coursework: Data Structures and Algorithms, Object-Oriented Programming, Digital Design, Data Management for Data Sciences, Systems Programming, Programming Language Concepts, Theory of Computation.

## SKILLS

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- **TECHNICAL SKILLS:** Python, JavaScript, C, HTML/CSS, ReactJS, NodeJS, SQL, Git

## WORK EXPERIENCE

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### DISTRIBUTED CONTROL SYSTEMS - INTERN

May 2024 - Present

*Yokogawa Electric*

Abu Dhabi, U.A.E

- Responsible for designing DCS System Architecture and components.
- Conducted inspection of cabinets – including marshalling, system and network.
- Responsible for designing DCS System Software and Graphics.

### DIGITAL DESIGN COURSE - LEARNING ASSISTANT

Aug 2023 - Present

*The Pennsylvania State University*

University Park, PA

- Managed and moderated an online class forum, providing feedback on student posts and facilitating discussions.
- Assisted professor in grading assignments.
- Collaborated with the professor and other teaching assistants to develop course materials.

## PROJECTS

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### REELSLEUTH | [GITHUB](#), [WEBSITE](#)

- Developed a website for movie enthusiasts to search, track, and manage movie wish lists and favorites.
- Integrated TMDB API using JavaScript to fetch movie details and cast information.
- Implemented user authentication and data storage features using Firebase, ensuring secure login and personalized user experiences.
- **Technical Skills:** HTML, CSS, JavaScript, Firebase, TMDB API Integration

### CHESS.COM PLAYER STATS | [GITHUB](#), [WEBSITE](#)

- Developed an interactive Chess.com-Player Stats application.
- Integrated the Chess.com API using JavaScript to fetch player stats across three categories – Bullet, Blitz and Rapid.
- **Technical Skills:** JavaScript, HTML, CSS