

# Anirudh Iyer

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## EDUCATION

### University of Pittsburgh

Pittsburgh, PA

*Bachelor of Science in Computer Science, Minor in Economics*

May 2024

- Relevant Coursework: Intermediate Programming (Object-Oriented Programming) Programming Languages for Web Applications, Data Structures and Algorithms 1 and 2, Computer Organization and Assembly Language, Discrete Math
- Student Organizations: Steel City Sapna (Business Manager), Taaza (Hospitality Chair), Pitt Computer Science Club, TEDxPitt

## EXPERIENCE

### Software Engineering Intern

May. 2022 - Present

*Clinical and Translational Science Institute (CTSI)*

Pittsburgh, PA

- Develop clinical trial recruitment framework for over **279,000+** patients and scientists
- Work in an Agile development environment with 4 other engineers to create platform to empower clinical research using **C#** and **ASP.NET**
- Employ continuous integration using **Jenkins** to build app upon new release

### Software Engineer

Apr. 2022 - Present

*Desi Dance Network*

Remote

- Serve as Lead Engineer to build 3-layer full stack application portal to be used by over **3000+** competitors and competition organizers
- Employ MERN (**MongoDB, Express.js, React, and Node.js**) stack to re-architect and redesign software to help competition organizers manage applications
- Work in cross-functional team of product managers, engineers to communicate with stakeholders and conduct user acceptance testing

### Web Developer Intern

Sep. 2021 - Jan. 2022

*University of Pittsburgh School of Engineering*

Pittsburgh, PA

- Delivered and deployed interactive holiday card to be sent out to **1000s** of faculty students and alumni utilizing **Javascript, HTML5** and **CSS3**
- Managed department-wide migration from **Ektron Content Management System** to **Episerver Content Management System** using **Asana**

## PROJECTS

### Quicksend | *Javascript, Express.js, Node.js, Socket.io, Heroku*

[quicksend.herokuapp.com](https://quicksend.herokuapp.com)

- Developed responsive file-sharing interface for mobile and desktop, enabling an 'AirDrop for All' paradigm
- Implemented a full-stack web application using **Node.js** and **Express** as the backend, and used **JavaScript** frontend
- Collaborated with users such as students and faculty to receive feedback about the application
- Deployed using **Heroku Command Line Interface** and **Git Version Control**

### Curdle: Word Game | *JavaScript, Node.js, MongoDB, Bootstrap, HTML/CSS*

[curdlegame.com](https://curdlegame.com)

- Created web game based on the viral game Wordle and amassed 15,000+ users
- Implemented Search Engine Optimization (SEO) strategies to receive first place ranking on **Google Search Console**
- Utilized **Google Cloud Platform (GCP)** and Firebase to deploy, alongside cloud-hosted **MongoDB** backend database to securely query data
- Created responsive desktop and mobile front-end using **JavaScript, HTML/CSS** and **Bootstrap 5**, achieving **99/100** performance rating per **Google Lighthouse**

## TECHNICAL SKILLS

**Proficiencies:** JavaScript, Python, Java, HTML, CSS

**Prior Experience:** C#, LaTeX, C++ (Arduino API)

**Frameworks:** Nodejs, Express, React, Bootstrap, .NET Core, Entity Framework Core, jQuery

**Developer Tools:** MongoDB, SQL Server, Google Cloud Platform, Firebase, Postman, Jira, Git Version Control