

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: Data Structures and Algorithms, Computer Organization and Assembly Language, Intermediate Programming, Discrete Math
- Student Organizations: Steel City Sapna (Business Manager), Taaza (Hospitality Chair), Pitt Computer Science Club, TEDxPitt

EXPERIENCE

Full Stack Intern

May. 2022 - Present

Clinical and Translational Science Institute (CTSI)

Pittsburgh, PA

- Spearhead production of web application using **C#** and **ASP.NET** from scratch
- Work in an Agile development environment with 4 other engineers to create platform to empower data-driven research
- Create **REST API** to integrate JSON data from various third-party software and clinical systems

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 **15** competition organizers
- Employ MERN (**MongoDB, Express.js, React, and Node.js**) stack to re-architect and redesign software to help competition organizers manage applications

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** and **Asana**

PROJECTS

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

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**

Hunt the Wumpus | *C#, .NET, Visual Studio, Git*

Mar 2019 - Jun 2019

- Worked in a team of 6 to plan and create a video game, based off the 1973 game, Wumpus
- Employed **Model-View-Controller (MVC) architecture**
- Responsible for **front-end GUI**, and all related graphics
- Contributed 1000+ lines of code to a codebase via **Git** and **BitBucket**
- Created using **C#**, and **.NET framework WPF**

TECHNICAL SKILLS

Proficiencies: JavaScript, Python, Java, HTML/CSS

Prior Experience: C#, Adobe Illustrator, Adobe Photoshop, LaTeX, C++ (Arduino API)

Frameworks: Django, React, Node.js, Express, Bootstrap, .NET Core, Entity Framework Core, jQuery

Developer Tools: MongoDB, PostgreSQL, Model View Controller, Postman, Node Package Manager, Git Version Control