Quinn Patwardhan
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Objective
Summer internship with a focus on software development, computer science, or programming.

Education
Sidwell Friends School, Washington DC - GPA 3.67
Expected graduation date: June 2024
Relevant Coursework: CS1: Introduction, CS2: Object Oriented Design, CS3: Data Structures and Algorithms, AI & Game Design (currently taking), Precalculus (currently taking)

Experience
Horizon Newspaper, Washington DC
Graphics Editor   **May 2022 - Present**
- Graphics Editor of Sidwell Friends' Upper School student newspaper that is published eight times per school year
- Produce dozens of graphics for each issue in a fast-paced environment
- Work with other editors, designers, and writers to capture their vision
- Use industry standard technology like Adobe Photoshop and Illustrator to create mockups and vector graphics

The Oat, Washington DC
Graphics Editor and Co-Head   **May 2022 - Present**
- Graphics Editor of Sidwell Friends' Upper School satirical student newspaper that is published eight times per school year
- Work with contributors to produce visuals to help their articles/listicles reach their full cometic potential
- Collaborate with co-heads, staff-writers, and graphic artists to get papers turned around at a fast pace
- Communicate with hundreds of students, dozens of teachers, and administrative staff frequently to facilitate writing and publishing of papers

Senior Graphic Artist and Staff Writer   **September 2020 -May 2022**
- Produced multiple graphics each month for articles or standalone jokes
- Used industry standard software like Adobe Photoshop and Illustrator

CS Club, Washington DC
Co-Head   **April 2021 - Present**
- Plan meetings and work with other heads to host weekly meetings to discuss events in the Computer Science (CS) world and to participate in hackathons, competitions, and more
- Built a fully custom website from the ground up using React.JS, HTML, Javascript, and CSS3 (csclub.quinnpatwardhan.com)
- Work with others on group coding projects, using the git command line interface and github issue tracking
- Help encourage new coders to join the CS world

Wider Circle
Volunteer   **August 2022 - Present**
- Help greet volunteers and unload, sort, and distribute donations
- Distributed tax documents and assisted donors in filling them out

-   Work with other volunteers to lift and move heavy furniture

Projects

Portfolio Web App (quinnpatwardhan.com)   **November 2022**
-   Fully custom built portfolio progressive web app for my personal web development projects, graphic design work, and photography
-   Built using React.JS, Typescript, CSS3, HTML, MySQL, Express.js, and JSX
-   Built from the ground up, with self-designed UX/UI, photo gallery, content management system (CMS), Blog, Login/User Authentication System, and analytics tracking
-   Required deep use of cybersecurity principles such as SQL-Injection prevention and hashing and salting of passwords

Chess (chess.quinnpatwardhan.com)   **February 2023**
-   Multiplayer Chess game that uses GameCode system to allow seamless multiplayer between anyone in the world
-   Hosts Express.js Based Backend API facilitate moves between clients and a MySQL Server
-   Used React.JS, Typescript, JSX, HTML, and CSS3 for frontend and Express.js, Typescript, and MySQL for backend

MarcMap (marcmap.app)   **December 2022**
-   Created a interactive web app that users to track the live location of MARC (Maryland Area Rail Commuter) Trains using data from the MTA (Maryland Transit Authority)
-   Hosts Express.js Based Backend API to format GTFS-RS Data
-   Used React.JS, JSX, HTML, and CSS for frontend and Express.js for backend
-   Developed & Published IOS App Version using Swift 5/SwiftUI and XCode

Lunch Emailer   **October 2022**
-   Coded a program to send all 500+ students and teachers daily email with the current day's lunch menu, self-hosted on personal server running Ubuntu Server 20.04 using crontab
-   Written in Python and uses the Requests Library to Read HTML Lunch Menu

Technology Skills
JavaScript, ReactJS, Typescript, CSS, HTML, Git, HTTP, Node, Python, Java, Nginx, Linux, Ubuntu Server, Unix Terminal, MySQL, C Sharp, XNA, Swift

Adobe Illustrator, Adobe Photoshop, Adobe Lightroom, Adobe Indesign, Adobe Lightroom, Adobe Premiere Pro, Figma

Google Sheets/Microsoft Excel, Visual Studio Code, XCode