

Raheel A. Syed

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Education

University of Virginia

Bachelor of Arts and Sciences, Computer Science & Economics — GPA: 3.931

Relevant Coursework: Data Structures & Algorithms I–II, Computer Systems & Organization I–II, Software Engineering, Artificial Intelligence, Internet-Scale Applications, Software Development Essentials, Discrete Mathematics & Theory I–II, Introduction to Statistical Analysis, Intermediate Micro & Macro Economics, Economics of the Public Sector.

Charlottesville, VA
May 2027

Skills

Languages: Python, JavaScript (ES6+), TypeScript, Java, C, HTML, CSS, JSX/TSX, Assembly, LaTeX.

Frameworks & Libraries: React.js, React Native, Redux, Django, REST APIs, JavaFX, SPFx, SQL, SQLite, OAuth.

Tools & Platforms: Git/GitHub, GitHub Actions (CI/CD), Docker, Vercel, Node.js, npm, Gradle, Junit, Makefile, AWS S3.

Design & UX: Figma, Adobe XD, USWDS, Wireframing, Prototyping, Usability Testing, Accessibility, Responsive Design, Cross-Browser Compatibility.

Certifications: Google UX Design Professional Certificate, Udemy: Modern React with Redux, From React to React Native, JavaScript Essential Training.

Experience

Federal Reserve Board — Internship

SOFTWARE DEVELOPER | *Public Trust Background Clearance*

- Optimized the Monetary Affairs division homepage Webpart, reducing load times by 60% and improving usability for 200+ staff members.
- Translated UX specifications into functional React.js and TypeScript (SPFx) components, ensuring responsive layouts and design fidelity.
- Implemented and maintained multiple SharePoint Webparts, integrating with internal APIs and adhering to the internal design system.
- Facilitated usability and accessibility testing with staff, identifying 25+ issues and resolving WCAG compliance gaps pre-launch.
- Rotated across frontend, backend integration, QA, and production support tasks, gaining broad exposure to Agile development workflows.
- Collaborated closely with designers and product managers during sprints, participating in code reviews and team standups.
- Leveraged GitHub Actions for CI/CD pipelines and systematic version control, ensuring maintainable and production-ready code.

Washington, D.C. (Hybrid)
May – Sep. 2025

Weblems — Part-Time

FRONT-END DESIGNER

- Delivered 6+ client websites, improving client satisfaction with responsive and scalable designs.
- Established reusable Figma components, reducing design cycle time by 20%.
- Collaborated with the CTO to align designs with branding and technical requirements across platforms.

Virginia Beach, VA (Remote)
Jul. 2023 – Jan. 2025

College Marketplace — Part-Time

UX/UI RESEARCHER & DESIGNER

- Revamped homepage navigation, reducing bounce rate and improving user flow.
- Delivered multiple Figma iterations with color variables and auto-layouts, enhancing consistency and flexibility.
- Mentored client on Figma workflows, enabling independent iteration and long-term usability.

Charlottesville, VA (Remote)
Jul. 2022 – Apr. 2023

PolyUno — Internship

UX/UI DESIGN INTERN

- Conducted usability testing with 12 participants, driving significant improvements to accessibility and flow.
- Produced high-fidelity prototypes for WeMeetUp, a meeting scheduling assistant, serving as the foundation for final development.

Washington, D.C. (Remote)
Jul. 2022 – Jun. 2023

Projects

CliniVision — Figma

- Led a 5-member front-end team to develop UI for an x-ray imaging analysis platform.
- Built wireframes and structured design workflows in Figma, improving collaboration efficiency between teams.
- Guided teammates in design and accessibility best practices, raising overall project quality.

Sep. – Dec. 2023

Vinyl Vault — Django, Bootstrap 5, Amazon S3, GitHub CI/CD

- Built a vinyl-loaning web app with librarian/patron roles and Google authentication for secure login.
- Integrated Amazon S3 for scalable storage and retrieval of vinyl images.
- Automated testing and deployment pipelines via GitHub CI/CD, reducing integration errors by 30%.

Jan. – May 2025

BrainDump — HTML/CSS/JavaScript, Gemini API, Figma

- Developed a Gemini API-powered project idea generation tool in under 24 hours.
- Designed user flows in Figma and implemented an interactive frontend in HTML/CSS/JavaScript.
- Directed team workflow, improving development speed and usability.

Mar. 2024

RoomEase — React Native, Figma, Firebase

- Designed wireframes and mockups for a roommate-coordination app covering chores, expenses, and messaging.
- Conducted surveys with 8+ students to define the feature roadmap.
- Began implementation with React Native and planned Firebase integration for authentication and chat.

Jul. – Aug. 2024

Virtual Memory — C

- Implemented a multi-level page table simulator (1–4 levels) supporting virtual-to-physical address translation.
- Developed memory-safe allocation functions and robust error handling to prevent crashes.
- Authored documentation including usage instructions, Big-O analysis, and memory deallocation proposals.

Mar. – Apr. 2025