

VATSAL MANIAR

(571) 396-1185 | ymaniar@asu.edu

<https://www.linkedin.com/in/vatsal-maniar/> | <https://vm25.github.io/Portfolio/>

EDUCATION

Arizona State University, Ira A. Fulton Schools of Engineering/W.P. Carey School of Business

Tempe, AZ

Bachelor of Science in Computer Science, Minor in Business

May 2025

GPA: 3.67/4.0 | **Awards:** Dean's List (Fall '21, Fall '22, Spring '23), \$15,500 yearly NAmU Scholarship (2021-2025)

Coursework: OOP, Logic in CS, DSA, Comp Org/Assemb Lang Prog, Intro to S/W Engr., Operating Systems, Distributed S/W Dev, Theoretical CS, Prin of Prog. Lang., S/W Intgr. & Engr., Web Dev & Dsgn w/ JS, HTML & CSS

Clubs: Google Developer Student Club (GDSC), Software Developers Association (SoDA), Indian Students' Association (ISA)

TECHNICAL SKILLS

Programming Languages: Java/JavaFX, C/C++, C#, Python, JavaScript, CSS, Bootstrap

Markup Languages/File Formats/Frameworks: ASP.NET, XML, WSDL, HTML5, JSON, MVC

APIs/Interfaces/Architectures: SOA, SDLC, REST, SOAP, XPath, DOM, SAX

Productivity: Scrum/Agile Methodologies, Jira, GitHub

Certifications/Licenses: ServiceNow, JavaScript Essentials, Coding for Web - HTML/CSS/JS

RELEVANT PROJECTS

Team Lead, Project CaffeineOverflow

August 2023 - December 2023

- Led development of 'CaffeineOverflow', a web platform deployed on a ASU web server.
- Employed SDLC, MVC Patterns and GitHub for scalable code organization and version control.
- Integrated financial metrics, geolocation and weather APIs using WCF, WSDL, SOAP, and RESTful in C#, HTML, CSS, and JS.
- Directed secure user functionalities, encrypted passwords, cookies, captcha security and dynamic XML file manipulation.

Developer Lead, Project EXCELERATE

January 2023 - April 2023

- Directed development of 'EffortLogger', a Java/JavaFX-based desktop app for managing employee base, team creation, project management, and time tracking in companies.
- Employed Agile methodologies to meet project milestones and provided weekly documentation.
- Delivered an efficient and effective codebase meeting industry standards and resulted in a satisfactory end product.

Design Lead, NETWORK

August 2022 - January 2023

- Led design of 'Network', a social media management tool to make running a university organization easier.
- Designed a landing page database for easy student access, improving usability and effectiveness.
- Conducted user testing & feedback sessions to optimize usability and effectiveness into ongoing design improvements.

WORK EXPERIENCES

Software Developer, RadicalAI

May 2024 - Present

- Create innovative AI solutions using OpenAI, Node.js, and React for ReX, an AI career coach offering personalized mentorship.
- Develop back-end services for QuantumChat Bot, enabling real-time, reliable, and fast communication for global users.
- Design the CosmoChat UI, a user-friendly chat application powered by GPT-3.5, featuring a dynamic interface and Activity Dashboard.
- Assist in developing Kai, an open-source AI Teaching Assistant, providing educators with tools for instructional design and assessment.
- Enhance the functionality and user experience of ReX, an accessible AI-based career development tool.

Inventory Clerk/Asset Specialist, ASU Capital Assets Management

May 2024 - Present

- Coordinate tagging of movable equipment valued at \$5,000 or more, ensuring precise asset records in Workday.
- Conduct biennial inventories, prepare detailed asset reports, and promptly respond to auditor and sponsor requests.
- Develop expertise in asset management systems and procedures, enhancing technical skills and critical thinking abilities.
- Collaborate with colleagues to ensure accurate and efficient management of ASU's diverse capital assets.
- Streamline improvement of asset management processes through innovative solutions and meticulous attention to detail.

Verification Supervisor, ASU Admission Services

May 2022 - May 2024

Data Analyst (Verifier), ASU Admission Services

October 2021 - May 2022

- Scanned, documented, and entered up to 25,000+ applicants' information with accuracy and attention to detail.
- Analyzed data to ensure data integrity and compliance with policies and procedures.
- Administered in hiring, training, and coaching new student verifiers and supervisors.