

Sathwik Alasyam

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EDUCATION

Arizona State University

Tempe, AZ

Bachelor of Science in Computer Science

GPA: 3.7; Expected Graduation: May 2025

- Dean's List [Fall 2021 – Fall 2023].
- New American University Scholarship of \$15500 per year in ASU.
- PUBLICATIONS: Doing Business North America, [DBNA Report](#)
- Relevant Course work: Data Structures and Algorithms, Full Stack Web Programming, Information Assurance, Intro to Software Engineering, Prob & Stats Engr Prob Solving, Computer Org/Assemb Lang Prog, Intro to Programming Languages,
- Organizations: Member, Software Developers Association (SoDA), Google Developer Student Club ASU.

TECHNICAL SKILLS

Languages: Java, JavaScript, C/C++, SQL, HTML, CSS

Technologies: AWS, React.js, Node.js, Git

Certifications: Introduction to Web Development with HTML, CSS, JavaScript by [IBM](#), Informatics by ASU

Project Management Methodologies: Agile, Scrum

Key Skills: User interface design, Object-oriented programming, Algorithm optimization, Data analysis and Attention to detail

PROFESSIONAL EXPERIENCE

Arizona State University, Tempe, AZ: Research Aide (Proposal & Negotiations)

3/2023 - present

- Supported the Proposal & Negotiations within a fast-paced environment, showcasing adaptability and a positive attitude while collaborating on administrative tasks.
- Demonstrated meticulous attention to detail in preparing and distributing agreements, ensuring compliance and precision in document handling.
- Played a vital role in coordinating contract tasks and post-submission activities, displaying a keen understanding of complex processes relevant to the software industry.
- Leveraged analytical skills to develop a proposal calendar and task assignments, optimizing workflow and contributing to team efficiency.

Arizona State University, Tempe, AZ: Research Assistant (Doing Business North America)

01/2022 - 11/2022

- Compiled and managed 7,700+ data points across 83 cities, all 50 states, Puerto Rico, and D.C., assessing business regulations.
- Collaborated on developing 30 indicators spanning 6 categories to evaluate business ease-of-operation metrics.
- Conducted statistical analysis, identifying trends and generating visualizations using Excel and assisted in drafting report sections, translating complex data into actionable insights.
- Ensured data integrity through rigorous quality control checks, contributing to accurate and reliable results.

PROJECTS

Personal Portfolio

- Created a responsive portfolio using HTML5, CSS3, Bootstrap, JavaScript, and jQuery, emphasizing user-friendly design.
- Employed Bootstrap and custom CSS for seamless, interactive navigation across devices.
- Demonstrated front-end skills with a dynamic portfolio showcasing HTML, CSS, and JavaScript projects.
- Boosted outreach with a Contact section featuring a messaging form and social media links for networking.

Zombie Color Game

Fall2022

- Architected a Doubly Linked List in C++ to create a dynamic Zombie Conga Line, efficiently managing data with over 15 distinct operations.
- Utilized advanced object-oriented programming techniques, such as templating and operator overloading, to develop a comprehensive Zombie class, ensuring streamlined object comparisons and efficient data storage.
- Implemented real-time game scenarios, including adding and removing zombies, with performance optimizations resulting in a 30% improvement in data manipulation speed.
- Designed a user-friendly interface, complete with color-coded outputs and interactive prompts, enhancing user engagement and session times.

EXTRA-CIRCULAR ACTIVITIES

- County- Level cricket player, ASU Cricket Club Representative