RAGULL ARUMUGAM

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EDUCATION

University of Pittsburgh, *BS in Computer Science* — Aug 2022 – Apr 2026
- GPA: 3.45/4

Conestoga High School — Jun 2022
- GPA: 4.63/5

EXPERIENCE & LEADERSHIP

LOL@Pitt Gaming Club, *President* | Pittsburgh, PA — June 2024 - Now
- Organized four large scale tournaments that involved end-to-end planning and execution for more than 100+ crew members with customized game formats, some spanning for the full semester.
- Remodeled the old applications for better efficiency and productivity that provided better maneuverability and user experience for the players and team management.
- Co-ordinated face-to-face and virtual meetings with the organizers and leadership teams to bring in new ideas that helped to redesign some of the old game formats and themes.

LOL@Pitt Gaming Club, *Streaming Coordinator* | Pittsburgh, PA — Jan 2024 – June 2024
- Developed and implemented a new streaming platform for LOL@Pitt games, that helped improved the viewership by 300%.
- Organized regular meetings with casters to consistently improve and bring new ideas to the stream's community.
- Managed and integrated new members to the casting crew and provided mentorship and career guidance as necessary.

Conestoga Stage Crew, *Sound Crew Principal* | Paoli, PA — Aug 2018 - May 2022
- Directed a team of 100+ members to construct a theatrical set by managing materials and designing complex structures within the project timelines.
- Led a crew of 6 members that are responsible for setting up, operation and training of theatrical sound systems.
- Collaborated with hundreds of actors and crew heads to organize several award-winning productions, earning AV awards for my leadership qualities.

SKILLS

Languages	Java, Python, R, HTML, JavaScript, C
Courses	Algorithms and Data Structures, Discrete Structures, Software Engineering, System Software
Awards	Distinguished and First Honor Roll, AP Scholar with Distinction, Dean's List
Software	Visual Studio Code, Microsoft Office, Tableau, React

PROJECTS

Personal Website
- Designed and built a responsive website from scratch using HTML, JavaScript, and CSS to highlight personal achievements and projects.
- Implemented interactive elements to enhance user engagement and navigation.

Music Web Player
- Developed a fully functional web player capable of playing, queuing, and shuffling music from CDs and folders.
- Leveraged React APIs and Node.js to create interactive components such as a music visualizer and directory browser, enhancing user experience.
- Designed and integrated a seamless back-end system with the front-end for smooth performance and functionality.

Spectator Overlay
- Engineered a custom overlay for streaming platforms using Riot Games API.
- Designed a user-friendly heads-up display (HUD) to provide clear and concise information to viewers, improving the overall streaming experience.

Excel Projects
- Created a dynamic ranking sheet to rank teams based on multiple criteria
- Developed an Excel-based expense management tool to track budgets and monitor variances for personal use and dormitory-wide applications.

Tableau-Based Budget Management Tool
- Built a cloud-integrated budget management system in Tableau to analyze spending patterns and identify key variances.
- Presented actionable insights and visualized budget trends to improve financial decision-making.