LAASYASRI VADDEPALLI

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EDUCATION

Rutgers University   New Brunswick, NJ
B.S in Computer Science (minor in Cognitive Science), expected May 2023
- Cumulative GPA: **4.0**/4.0, Dean's List All Semesters
- Relevant Coursework: Data Structures, Discrete Structures I & II, Computer Architecture, Systems Programming, Principles of Programming, Design & Analysis of Computer Algorithms, Principles of Information & Data Management
- **Events Director** & HackHERs Sponsorship Director of Women in Computer Science (WiCS)

Lawrence High School   Lawrenceville, NJ
High School Diploma, June 2020
- GPA: 4.45, Graduated as **Top 10 of Class**
- Member of National Honor's Society, STEM Academy, Varsity Tennis Team (Top 3), International Alliance

EXPERIENCE

Educational Testing Service (ETS) · AP Intern
May 2022 – July 2022
- College Board hires ETS for scoring AP tests every year where my role was to assist the team during this process
- 2 weeks of training on online systems used for AP scoring
- Worked on-site with ETS professional team for 3 weeks handling AP readers during the scoring period
- Organized schedules in the rater management system
- Addressed technical issues on-site during online scoring
- Analyzed scoring data on Power BI and detected outliers
- Managed and maintained accurate payroll for AP readers
- Supervised dining and supplies distribution on-site

OpenMyNetwork · Team Lead, Intern
October 2020 – April 2022
- Chimpvine - international e-learning site built with Moodle
- Primary Role - Chimpvine Mobile App Project team lead
- Direct and supervise a team of **15+** engaged in mobile app features and design development, **report to CEO** on updates to project specifications and progress, and constantly adapt to project changes and new interns.
- Additional roles: administrative and technical support for the chatbot, Moodle administrative specialist, video game testing, customer support, and web design.
- **Tools**: Moodle, Ionic Angular, Figma, Flutter, Framer, etc.

Enspire Academy · Public Speaking Mentor, Intern
April 2018 – April 2020
- Trained 20+ students in time management and public speaking skills, and prepared them to speak in front of large audiences.
- Hosted several Enspire Academy graduation events, one where honorable senator Linda Greenstein of NJ was the guest of honor.
- Organized an event called SWEY, for students of all age groups to showcase their public speaking and communication skills.

SKILLS

- **Programming Languages:** Java, C, HTML, CSS, Ocaml, Python, Prolog, MySQL
- **Tools/Technologies:** Linux, MySQL Workbench, Eclipse, Tomcat Server, Moodle, Ionic Angular, Flutter, Figma, Framer, Visual Studio Code, Github, node.js
- **Soft Skills:** Strong work ethic, Communication, Team Management, Time Management

PROJECTS

- **Shell Implementation in C:** Created personalized shell interface for running processes using fork, signal handling, and enables standard shell commands.
- **Multiplayer Game with Networking in C:** Created an active server that accepts multiple client connections using threads to create a game interface for multiple players.
- **Custom Version of malloc, free, realloc in C:** Coded custom functions for malloc, free, and realloc working with memory and pointers in C; additional functions for performance checking and memory utilization.
- **Simulating Caches in C:** Simulated fully-associative cache and direct-mapped cache along with cache blocking and cache-oblivious techniques through C functions.
- **Friends in Java:** Maintains elaborate undirected graph of friends and their connections; Uses stacks, queues, arrays, and BFS/DFS techniques to find shortest paths and cliques within graphs.
- **Trie in Java:** Program that creates a tree using nodes to collect words and sort by prefixes with methods for adding, searching, and finding matches.
- **Battleship in Java:** Built a game between computer and user; makes use of object-oriented programming to create classes for ships, grids, and maintains separate boards for computer and user.
- **Personal Website in HTML/CSS:** Website made from scratch only using HTML and CSS; prototypes and designing through Figma.

ACCOMPLISHMENTS

- **Top 3 in Varsity Girls Tennis Team** (Lawrence High School); won the most improved player award in 2016.
- **AP Scholar with Distinction Award** (College board) in 2020; **AP Scholar with Honor Award** (College board) in July 2019.
- **3rd Place in Peace Islands Art and Essay Competition** (NJ state-level competition) in 2015.
- **Works Published:** Tangents Magazine (2016-2020), Mercer Art Exhibition (2018), Youth Art Month NJ Exhibition (2017)
- **10+ awards for stage performances in Classical Dance** (2010 - 2020)