Neel Gundlapally

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EDUCATION

The University of Texas at Austin <div align="right">Austin, TX</div>
Bachelor of Science in Computer Science <div align="right">*August 2022 – May 2025*</div>
Relevant Coursework: Data Structures and Algorithms, Discrete Math for CS, Computer Organization and Architecture

EXPERIENCE

Riverside Technology Inc. <div align="right">June 2023 – August 2023</div>
Computer Repair Technician <div align="right">*Houston, TX*</div>
- **Technologies:** Microsoft PowerShell
- Imaged 1000+ computers using an automated PowerShell script, **decreasing imaging times by 15%**
- Conducted diagnostics and proficiently repaired computer software and hardware to ensure optimal performance

Education for Tomorrow Alliance <div align="right">September 2022 – Decemeber 2022</div>
Informational Technology Intern <div align="right">*Houston, TX*</div>
- **Technologies:** Spark AR
- Consulted with EFTA and was chosen for an internship with a Technical Program Manager at Amazon
- Collaborated on multiple facial-tracking and augmented reality-based projects utilizing Spark AR
- Designed a facial-tracking filter that displays a series of images placed on the users' head, randomly pausing on one

Caring Band <div align="right">November 2020 – August 2021</div>
Engineering Intern <div align="right">*Houston, TX*</div>
- Reduced assembly time of the devices by 15% by decreasing, **allowing for 20% more products to be shipped**
- Assembled and programmed over 100 of the company's flagship devices during the company's inaugural launch
- Adapted design of the device by implementing more effective batteries **leading to 10% longer battery charge**

PROJECTS

Team Tracker Web Application | *Flask, React.js, HTML, CSS*
- Created a full stack application that displays the upcoming schedules of the users favorite sports teams from over 25 different leagues
- Leverages API's to retrieve schedules, **resulting in a 40% reduction in loading time for schedule updates**
- used local storage to keep track of users favorite teams to allow for quicker access to the teams schedule

Tax Calculator App | *Flutter, Dart*
- Utilized flutter and dart to create a mobile application to estimate the taxes employee's owe and ways to save
- Implements button and sliders to create an easy to use user UI, **leading to a 10% increase in engagement**

Automated Password Generator | *Python*
- Created a GUI application that takes in parameters and outputs a unique string of characters to use as a password
- Able to customize password length and the usage of special characters, numbers, and capital letters
- Able to copy the password to the clipboard to paste into the desired location, **leading to 25% increase in password strength**

Automated Google Calendar Event Creation | *Node.js, JavaScript*
- Utilized Node.js and JavaScript to retrieve Google Calendar events while also creating, adding, and editing events
- Created automated event creation for clients in Google Calendar using Google API's and Node.js

LEADERSHIP AND ORGANIZATIONS

Engineering & Computational Learning of Artificial Intelligence & Robotics August 2022 - Present
Member; <div align="right">*Austin, TX*</div>
- Developed a deeper understanding of topics like Artificial Intelligence and Machine Learning
- Designing an algorithm for a robotic arm that can recognize and pick up certain objects

TECHNICAL SKILLS

Languages/Technologies: Java, JavaScript, Python, HTML, CSS, Node.js, Spark AR, React.js, Flask, PowerShell