MADHUMITHA S

Chennai, India

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EDUCATION

Panimalar Engineering College	**Aug 2019 – Apr 2023**
Bachelor of Engineering in Electronics & Communication - ***CGPA*** *-* ***9.57/10***	*Chennai, India*
Alwin Memorial Public School	**Apr 2018 – Mar 2019**
Higher Secondary School Certificate - 12th - CBSE - ***Mark*** *-* ***462/500***	*Chennai, India*
Alwin Memorial Public School	**Apr 2016 – Mar 2017**
Secondary School Leaving Certificate - 10th - CBSE - ***CGPA*** *-* ***10/10***	*Chennai, India*

PROJECTS

Automatic Sanitary Napkin Vending Machine ↗ **Jun 2022**
- *Implemented the operation of Automatic Sanitary Napkin Vending Machine through Verilog code and simulated the results.*
- *Project report here*

WiTricity Technology **Mar 2022**
- *Developed a working model which allows wireless power transfer over short distance via magnetic resonance.*
- *An initiative to operate basic electrical devices like Bulb, Fan, and Mobile phone charging using wireless electricity.*

Portfolio Website ↗ / HTML, CSS, JavaScript **Feb 2022**
- *Created a personal Portfolio website with HTML, CSS & JavaScript and Deployed it on Git Hub* ↗
- *Live site here*

Li-Fi Data Transmission **Mar 2020**
- *Developed a working model on Li-Fi (Light Fidelity) which is a light communication system that is capable of transmitting data (like audio and video) at high speeds over the visible light, ultraviolet, and infrared spectrums.*

TECHNICAL SKILLS

Languages: *Python, C, Java, HTML, CSS, SQL*

Technologies: *Data Structures & Algorithms, MySQL*

Developer Tools: *VS Code, GitHub, Git, Windows, Google Docs*

Others: *Problem Solving, Content Writing, Cross-Cultural Communication, Digital Marketing*

ACHIEVEMENTS

- *Received Appreciation award for securing 8th position on 3rd International Conference Pecteam 2k20 for project demonstration on the title 'Li-Fi Data Transmission' held at Panimalar Engineering College* ↗

- *Received Best Mathematician award in Inter college Maths Online Quiz Competition 'Mathemaster'* ↗

- *Secured a Silver star badge in hacker rank - Python, Java* ↗

CERTIFICATIONS

Barclay's Life Skills Programme - GTT Foundation *Issued - Jul 2022* ↗

Python (Basic) - Hacker rank *Issued – Feb 2022* ↗

LANGUAGES

● *English* ● *Tamil* ● *Hindi* ● *Telugu*