

EDUCATION

- **PSG College of Technology** Coimbatore, India
Bachelor of Engineering in Computer Science and Engineering *July. 2017 – May. 2021*
CGPA: 3.67 (9.19/10.0) Till 5th Semester
- **Green Park Matriculation Higher Secondary School** Namakkal, India
11th to 12th State Board; Percentage: 97.00 *June. 2016 – July. 2017*
- **Bhavans Gandhi Vidyashram** Kodaikanal, India
10th CBSE; GPA: 10 (10/10.0) *June. 2014 – July. 2015*
Merit Cards for Academic Excellence in classes 9th and 10th

INTERNSHIPS

- **Mindnotix** Coimbatore, India
Software Engineer *Dec 2019 - Present*
 - **Smile Designing using AI:** Software to aid dentists in Smile Design Treatment
- **Samsung** Bangalore, India
Software Engineer *Jan 2020 - Present*
 - **Machine Learning based event predictor for Smart Cells:** Analysed log files of Samsung Small Cells to predict events and failures

PROJECTS

- **Cricket Blog and IPL Data Analysis Application:**
Built a blog and polling app for cricket enthusiasts. Also implemented data analysis programs to analyse IPL data
Utilized : Django, PostgreSQL(Backend), HTML and CSS(Frontend), Psycopg2, numpy, matplotlib, pandas
- **Improvised shell for xv6:**
Included functionalities of cp,mv,head,tail,clear,cd,pwd into XV6 with and 2 editors Capable of writing and executing basic shell scripts
Project Link : <https://github.com/SurajSubramanian/XV6-with-an-improvised-shell>
- **Machine Learning Programs:**
Implemented Simple and Multivariate Linear Regression, Logistic Regression and a Neural Network from scratch using numpy
Project Link : <https://github.com/SurajSubramanian/XV6-with-an-improvised-shell>
More projects can be found at <https://github.com/SurajSubramanian?tab=repositories>

ACHIEVEMENTS

- **Secured First place in Datathon conducted at CIT:** A Machine Learning challenge hosted on Kaggle
<https://www.kaggle.com/c/melinia-2020/data>