Atreya Bain

Internships

Sep - Nov, 2019   **Backend Development Intern**, *Revagram(Startup)*, Bengaluru.
- Worked with team on design of the backend platform and database
- Worked with creating and managing API routes

Projects

Jul 2020 - Present   **Design and Development of a website for IEEE RVCE Student chapter**.
- Working with team on design of the backend platform and database
- Working with creating and managing of RESTful API routes
- Management of backend deployments

Jan - Jul, 2020   **Design and Implementation of HSQL: HPCC Structured Query Language**, *Lexis-Nexis Risk Ltd.*.
- Design of HSQL, A SQL and BigQuery inspired language for querying and using HPCC Systems to help data scientists get started with HPCC Systems quickly
- Implementation of a transpiler for HSQL, to translate HSQL to ECL
- Implement a language server and a VSCode extension for HSQL support in IDEs

May - Sep, 2019   **Design and Development of a Web File Browser**.
- Developed a light-weight web file browser for managing files in a remote server, aimed for rapid deployments.

Social Activities

- Worked along with S.P.A.R.K., an NGO which works in improving the literacy of under-privileged children across the country.
- Volunteered with "Caring with Colour" (a Manasi Kirloskar initiative)

Technical Skills

Languages	Assembly(ARM), C, C#, CSS, HTML, JavaScript, Java, PHP, Python, TypeScript
DBMS	MySQL/PostgreSQL, MongoDB
General	Data Structures, Web Development, Compiler Design

Education

Jul 2018 - Present   **B.E. - Computer Science**, *R. V. College of Engineering*, Bengaluru.
CGPA(Sem. 4):*9.28*

Grad. May 2018   **Grade 12**, *Deeksha Integrated PU College*, Bengaluru.
Grade:*87.5%*

Grad. May 2016   **Grade 10**, *Baldwin Boys' High School*, Bengaluru.
Grade:*93.17%*

Languages

- English
- Hindi
- Bengali