

Work Experience

International Neuroinformatics Coordinating Facility | Student Developer

Summer 2011

Created a RIA for data analysis

- Worked as a Google Summer of Code 2011 student participant
- Developed a Web Data Analysis Tool specifically tailored to handle multi-channel time series data
- Application was developed using the Google Web Toolkit (Java)

Dataresolve Technologies, Kolkata | Development Intern

Winter 2010

Worked to create a document security concept using Google Data APIs.

- Researched and implemented a prototype for the concept
- The application enabled admins to enforce security on existing data
- Developed using python/django and Google Data APIs

Entrepreneurship Cell, IIT Kharagpur | Web Team Head

Since Summer 2010

- Developed the code that runs ecell-iitkgp.org during summer 2010
- Trained 2 junior developers, enabling them to take over the code that runs ecell-iitkgp.org.
- Also tackled server faults during this period.

IndiaKhelo.com, Bangalore, Remote Development Intern

Summer 2010

- Developed a PDF report generation tool using ReportLab
- The application had a plugin oriented data-entry interface
- Written on python

Skills

Programming Languages: Python, Java, Javascript, C, C++ (in decreasing order of experience)

Version Control: Git

Environments: GNU / Linux

Frameworks/APIs/etc: Apache http server, WSGI frameworks, AJAX, client-side JSON/XML handling,

Relational Databases

Interests

Rich Internet Applications, RESTful APIs, User Experience, Web-application interface design

Education

Enrolled in a B.Tech in Mechanical Engineering at the Indian Institute of Technology, Kharagpur

Expected Graduation : 2013