Dipanjan Mukherjee

dipanjan.mu@gmail.com | http://dmulog.in

Summary

I am a self-taught programmer. I have strong background in engineering software from the ground up, with a keen eye towards **usability**. I am looking for an **internship** opportunity during May through mid-July 2011 (11 weeks) involving challenging software development.

Work Experience

G-Node, INCF at LMU, Munich | Developer (December 2011 - January 2012)

Wrote a javascript profiling tool and tests using it to benchmark web-plotting libraries. Wrote a Javascript library using the SVG API and d3 for plotting of multiple time-series in a dynamic and event driven architecture.

International Neuroinformatics Coordinating Facility | Developer (Summer 2011)

Worked with the German Node of INCF, as a **Google Summer of Code** Student developer, on building a **Data Analysis Tool** specifically tailored to handle **multi-channel time series** data.

The application was developed using the Google Web Toolkit.

Dataresolve Technologies, Kolkata | Development Intern (Winter 2010)

Researched and implemented a prototype, from the ground-up, of a **document security layer** over Google Docs. Development was done in python/django using Google Data APIs.

Being a startup environment, this internship improved my **technical communication** skills, also adding to my experience with **product-design and conceptualization**.

Entrepreneurship Cell, IIT Kharagpur | Web Team Head (Since Summer 2010)

Developed a **CMS-like solution** from the ground up using a django/mysql setup. During this time, I was also responsible for server upkeep and tackled various **DNS and System Administration tasks**.

IndiaKhelo.com, Bangalore, Software Engineering Intern (Summer 2010)

Developed a **visual-report generating** application using ReportLab. The application had a plugin-oriented data-entry interface.

Proficiencies

Javascript (non-trivial), Python, Java, C (in decreasing order of experience). Test and Behavior driven Development

Education

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

Expected Graduation : 2013