

## **INTERNSHIP OPPORTUNITY AT MAYO CLINIC (IT AND BIOINFORMATICS)**

### **Job Description**

The Mayo Clinic in Rochester, MN is seeking interns for the summer of 2013. The Bioinformatics Systems Unit within the IT Division of Research and Education Systems Support is seeking a skilled and motivated individual for an IT Internship experience. Specific position & project descriptions will focus on the Center for Individualized Medicine (CIM) scientific programs with the goal of discovering and translating research into clinically viable solutions for patients. The internship will consist of working on tasks within multiple project areas of the Unit.

The Unit supports efforts in the Center for Individualized Medicine, focused on **Bioinformatics algorithm development in support of genomic research**. The selected individual will be responsible for assisting bioinformatics and IT specialists with **algorithm and workflow development tasks**. The tasks may include programming, script writing, system administration and other IT related tasks. All internships are project-based. Projects will provide experience in Bioinformatics, Algorithms, Statistical Modeling & Analysis Software Development. The intern will receive direction from Unit Head, Leads, and Project Managers. The individual must show personal initiative in assigned tasks, possesses a strong interest in furthering analytical and design skills while working in a structured environment, as well as strong interpersonal, customer service, verbal and written communication skills. It is desired for the internship to be 10 to 12 weeks in duration, though longer periods are also possible.

### **Basic Qualifications**

Must be enrolled in an accredited Bachelors, Masters or PhD program in a computer-oriented program, have completed the first year of that program and is looking to gain practical work experience. The student must also possess knowledge of using personal computers, Microsoft Office applications, web development technologies, relational database, Unix/Linux, scripting languages and SQL.

### **Other Qualifications**

A knowledge of web design tools, java, perl, python, and shell scripting would be beneficial. Must possess excellent analytical and problem-solving skills. Strong oral and written communication and interpersonal skills are required. Must be able to work in a team environment, and be highly self-motivated.

### **Contact information**

Send an e-mail to the following individuals, with your C.V., which should mention your current GPA, CS courses you've taken or are registered currently in, and any CS projects you may have worked on. Please include "[Mayo UIUC]" in your e-mail title.

**Deadline: March 22, 2013.**

Mathieu Wiepert (Mayo Clinic): [Wiepert.Mathieu@mayo.edu](mailto:Wiepert.Mathieu@mayo.edu)

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