

## Information Technology & Biomedical Informatics Internship Opportunity at Mayo Clinic

### Job Description

The Bioinformatics Systems Unit within the IT Division of Research and Education Systems Support at the Mayo Clinic in Rochester, MN is seeking skilled and motivated individuals for IT Internship experiences during the summer of 2019. 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 engagements are also possible. The duration and timing of the internship will be arranged with the intern.

### Basic Qualifications

The qualified student must be enrolled in an accredited bachelors, masters or PhD computer science or engineering program, have completed the first year of that program, and be looking to gain practical work experience. The student must be skilled using personal computers, Microsoft Office applications, web development technologies, relational database, Unix/Linux, procedural and/or object oriented programming languages, scripting languages and SQL.

### Other Qualifications

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.

### How to Apply

Illinois students should complete the [application form](#) and upload their CV by **December 15, 2019**. The CV should include GPA, list completed computer science courses and those currently registered for, and any computer science project experience.

Questions? Email [icarson@illinois.edu](mailto:icarson@illinois.edu).