This posting is for a research assistant in the DTL a lab led by Professors Jay Chen and Azza Abouzied at New York University Abu Dhabi. If you are creative, have good eye for design, want to build systems, tools and apps and are willing to quickly self-learn whatever system, programming language, or environment needed to get the job done, apply to work at the Design Technology Lab (DTL). DTL is a research lab that fosters a deeply interdisciplinary approach to technology design. We value a "let's get the job done" mentality, creativity and we rapidly prototype all our design ideas. We release most of our code as open source and we publish our work at top Computer Science research venues.

To qualify, you must have strong technical skills, especially in data analysis, web programming, distributed systems, mobile app development and/or development for gadgets such as Kinect, Arduino and the like. For example, a successful applicant can author a multi-stage pipeline that cleans a dataset, loads it into a database, writes a script to analyze it in python or Mapreduce, visualizes it and publishes it on the web. Another applicant can write an app to track user locations, collect data and store it on a central server for further analysis and distribution. Yet another applicant can work with specifications of a hand-drawn user interface of a special data analysis system and can action these prototypes into a working system. Applicants should have a combination of skills or demonstrated adaptability in quickly learning new skills.

This position is based in Abu Dhabi, U.A.E. Salary and Benefits are competitive.

**Desired Skills & Experience**

**Education**

- Bachelors or Masters degree in Computer Science
- Worked on large-scale computer science projects as a software developer/programmer
- Dealt with customer specifications and system architects in putting together the entire system
- Worked in a rapid prototyping environment or a research lab
- Worked on open source projects

**Skills & Expertise**

- Systems/Server programming (Java, C/C++, Perl, Python, etc.)
- Javascript and web programming
- SQL, Postgres or MySQL
- Mobile App Development - iOS/Android
- Hadoop, MapReduce, SQL
- D3, Processing or other visualization software
- Git or version control software

**Communication Skills**

- Fluent in English
- Willing to engage in design meetings and present ideas and solutions to sponsors, researchers and fellow developers.
Applications will be accepted immediately. To apply, please email nyuad.dtl@gmail.com with your resume and research statement or cover letter. Please visit our website at http://nyuad.nyu.edu/about/careers/faculty-positions.html for instructions and information on how to apply.

About NYUAD:

New York University has established itself as a Global Network University, a multi-site, organically connected network encompassing key global cities and idea capitals. The network has three foundational degree-granting campuses: New York, Abu Dhabi, and Shanghai, complimented by a network of eleven research and study-away sites across five continents. Faculty and students will circulate within this global network in pursuit of common research interests and the promotion of cross-cultural and interdisciplinary solutions for problems both local and global.

Entering its fifth year, NYU Abu Dhabi has recruited a cohort of faculty who are at once distinguished in their research and teaching. Our students are drawn from around the world and surpass all traditional recruitment benchmarks, both US and global. NYU Abu Dhabi’s highly selective liberal arts enterprise is complimented by an institute for advanced research, sponsoring cutting-edge projects across the Arts, Humanities, Social Sciences, Sciences, and Engineering.

NYU Abu Dhabi is an Equal Opportunity/Affirmative Action Employer.