

Software engineer

Job details

UCR is looking for a self-motivated Software Engineer with experience in app development and web based programming, preferable with application experience in the field of waste water treatment. The ideal candidate should be able to take an existing codes and make it run more efficient and bug free. The ideal candidate should have some knowledge of FORTRAN and MATLAB, and able to write a “wrapper” so that codes in FORTRAN can communicate with code written in MATLAB. This position is a part-time with opportunity to move to full-time position, telecommute is acceptable, but in person meetings from time to time is required.

We are fast-growing tech company with multiple discipline. You will be working with a team of very talented engineers, academics, scientists and entrepreneurs in a nurturing atmosphere. You will play a critical role in defining and creating a software and application, while working closely with a team of algorithm development specialists to continuously improve our code and its functionality..

Responsibilities

- ☐ Produce high quality software that is unit tested, code reviewed, and checked regularly for continuous integration
- ☐ Develop easy-to-use, scalable, robust, high volume interactive web applications
- ☐ Work with scientists to implement their algorithms, models and ideas
- ☐ Develop strategies and tools for existing and new algorithms
- ☐ Participate with senior management in developing a long-term technology road map
- ☐ Maintain and improve performance of software
- ☐ An understanding of data structures, algorithms, and software design
- ☐ Web code program experience
- ☐ Must be able to travel to meet and work with the team 20% of time.

Requirements:

- ☐ 3+ years of industry experience
- ☐ Experience with coding and programming languages (C, C++, Java, Fortran, MATLAB and etc.)
- ☐ Experience in mobile app development is a must
- ☐ Requires a bachelor degree in Computer Science, Mathematics, Engineering, Physics or a similar discipline. Advanced degree preferred.

- ☐ Ability to communicate the results of work in clear and effective manner
- ☐ Fluent in English is a must

Please submit your resume to contact@uc4r.com with a link to your LinkedIn profile.