## Education

## Mahmoud Mostafa Sadek

<ul> <li>Cornell University</li> <li>Ph.D. in Environmental Fluid Mechanics</li></ul>
nors & Publications
<ul> <li>Honors and Awards: J. E. Perry Teaching Assistant Prize, J. H. DeFrees fellowship, Dr. Ibrahim El-Assiouty Prize (Prestigious in Egypt), Annual Egyptian Government's Award of Merit for top students (2000-05).</li> <li>Publications and Conferences: <ul> <li>Two-dimensional instability of the bottom boundary layer under a solitary wave, Physics of Fluid journal, 2014.</li> <li>The American Physical Society-Division of Fluid Dynamics conference (2013-2014)</li> </ul> </li> </ul>
fessional Experience
Dar Al-Handasah (Shair & Partners)
a-Curricular Involvements
Academic  - Graduate Research Assistant (Cornell)
<ul> <li>Cornell CURIE Academysummer 2013</li> <li>Volunteered as a scientific mentor to high-school girls in a week-long summer camp.</li> </ul>

## Skills

- Languages: English, French and Arabic (native).
- **Programming:** High Performance Computing, FORTRAN (serial and parallel), Matlab.

Member of the committee responsible of negotiation & selection of contractors.

• **Design software** (short list): Fluent, RMA10, WAsP, REFDIF, Shorecirc, Plaxis (2D, 3D tunnel, 3D foundation, flow), Wallap, Slope, Talren, Tunren, Lpile, GGU package.