

First winner of the AIChE/CACHE Mobile Device APP National Competition

Zachary Nwabudike a student from the Department of Chemical and Environmental Engineering at the University of California, Riverside won the first AIChE/CACHE Mobile Device App National Competition. The winning APP was written for Android mobile devices and its purpose is to predict physical properties and phase equilibrium of non-reactive chemical mixtures. This program performs the following calculations:

- Isothermal VLE flash
- Dew-point temperature
- Bubble-point temperature
- Bubble-point pressure
- Dew-point pressure
- Liquid-density

The app is not yet commercially available, but when it becomes available, we will announce it.

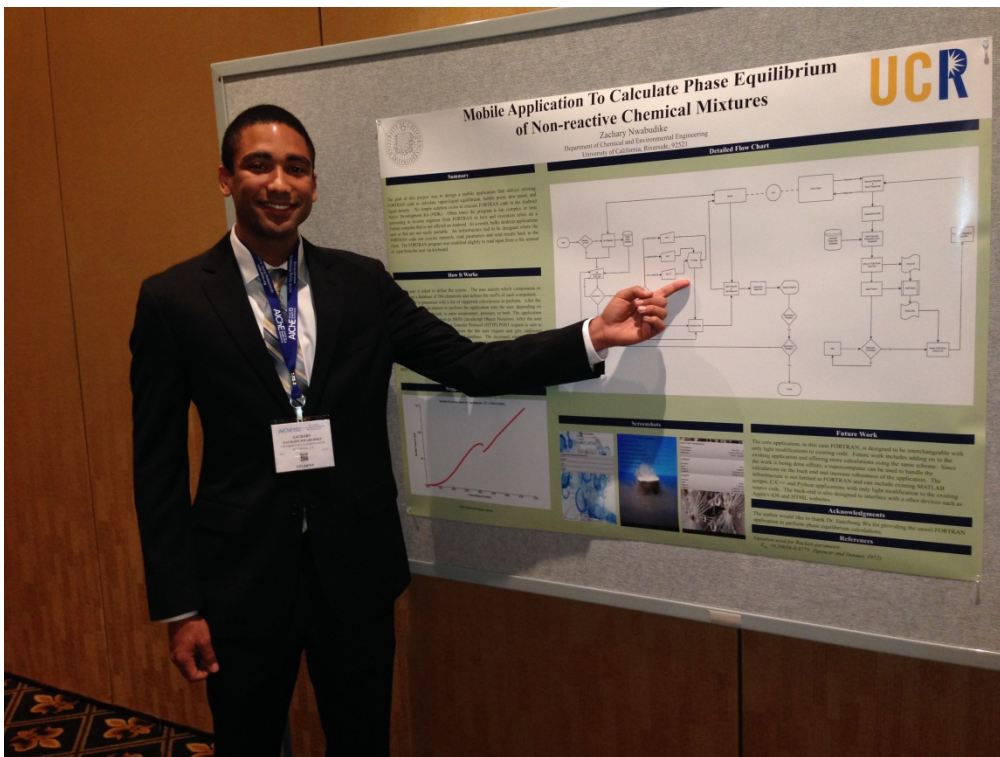
Videos and additional information on this APP can be found at:

<http://chenected.aiche.org/tools-techniques/meet-the-winner-of-the-2013-aiche-mobile-device-app-competition/>

Or directly on YouTube at:

[Interview with Zachary Nwabudike](#)

[Demonstration of App](#)



Zachary Nwabudike is shown in this picture presenting his poster.