

SHAKIR THOWSEEN

SOFTWARE ENGINEER

GET IN TOUCH



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+ EDUCATION

- 2013 **Computer Engineering - B.S.**
Armour College of Engineering
Illinois Institute of Technology

+ EMPLOYMENT

- 2013 - now **Barclays**
Unix support & web app development
 - Built a NTP monitor for 1500+ hosts. Code was reused to monitor other periodic data from host. #Sinatra
 - Built a time zone app for the team. #Ruby, #jQuery
 - Built an obsolescence manager for all the host
 - Experience building a production host
- 2012 - summer **Barclays**
Summer Analyst
 - Built a software to screen more than a million payment transactions per minute
 - Automated the testing process which saved about 3 h a day for the team
- 2011 - 2012 **Illinois institute of Technology**
Assistant Systems Engineer
 - Automated deployment that saved 2 months of time and eliminated human error #python #bash
 - Managed a network infrastructure with 600+ work stations
- 2010 - summer **University of Bochum, Germany**
Research on laser application development
 - Built Nano-structures using laser beams as optical tweezers
 - Built an algorithm to manipulate the beam using holograms #matlab

+ PROFESSIONAL SKILLS

Java	●●●●●●●●	CSS/HTML	●●●●●●●●
Ruby	●●●●●●●●	Jquery	●●●●●●●●
Python	●●●●●●●●	JavaScript	●●●●●●●●
Objective -C	●●●●●●●●	Matlab	●●●●●●●●

+ AWARDS/CERTIFICATIONS

Hackathon first place Winner
Nokia hackathon
IIT - 2012

Leadership certificate of achievement
Leadership Academy
IIT - 2011

First place –Robot development
Armour college of Engineering
IIT - 2011

Performance awards
University of Cambridge
Edexcel examinations 2008

+ PROJECTS

LivellITup 2013

An iOS app that makes it very convenient for students to stay on top of campus activities

Traditions 2013

It is primarily an event organizing and publishing platform (web + iOS) but integrated with cool incentives that encourage students to participate in college activities. Potentially commercialized and distributed to other colleges by late 2014

Cereals (web app) 2013

A customizable dashboard to have your most visited web in one page. A common idea but tried it as my first Google App Engine project .
<http://gcdc2013-cereals.appspot.com/>

OCR-App (Java native app) 2012

An optical character recognizing and analysing application for a professor to facilitate his research projects. Worked with approximately 95% accuracy.