**Itoc Cheat Sheet**

***You should have a working knowledge of:*** *- GitHub - At least know what it is. (Google / Wikipedia)  
- Python - Be able to write a simple program   
- System administration and network troubleshooting on Linux, Windows is a plus.*

***Core AWS Knowledge:*** *Moving into a Cloud career with an AWS partner like us needs at least the basic skills.*

*We suggest you setup a free AWS account and start to learn as much as you can. It takes 5 minutes to setup an account. If you can work through some of the 10 minute tutorials this will put you on the right track for a position at Itoc.*

[*https://aws.amazon.com/free/*](https://aws.amazon.com/free/)[*https://aws.amazon.com/getting-started/tutorials/*](https://aws.amazon.com/getting-started/tutorials/)*<-- the ten minute tutorials. I would work through the "compute" and "database" tutorials at the very least. The more the better of course.  
  
The core requirements / expectation for any engineer at Itoc (including intern) are the 3 associate exams within 3 months of joining. They are quite straight forward and I have seen people study and pass them in one week before:*

[*https://aws.amazon.com/certification/*](https://aws.amazon.com/certification/) *- AWS Certified Solutions Architect - Associate  
- AWS Certified Developer - Associate  
- AWS Certified SysOps Administrator - Associate*

*We use* [*A Cloud Guru*](https://acloud.guru/) *for training which tends to be enough but there are also some great videos / tutorials on* [*LinuxAcademy*](https://linuxacademy.com/amazon-web-services/courses)*. Youtube has an abundance of materials too. We provide these materials if you do come onboard.*

***Know what we do at Itoc*** *(or any other company you are talking with for that matter)*

[*https://itoc.com.au/*](https://itoc.com.au/) *<-- dig around in here (it's going through a rewrite at the moment but the core is there)  
What is Managed Services ? Can you explain it ?*

*Know what IaaS, PaaS and SaaS are. (Google)*  
*What other services do we offer and what do they do ?*  
*What are the core tenets of a cloud computing platform ? (dig around Google)*

[*Know the grad and intern programs*](https://www.linkedin.com/pulse/still-uni-just-graduated-stephen-mew/) *at Itoc. This will give you an idea of how and what we teach here to those with gaps.*

***In Summary***

*You should know what elasticity is and what the common AWS components are. This makes for a smooth interview. Read the AWS page on Wikipedia, Read the*[*EC2*](https://aws.amazon.com/ec2/)*, S3 & RDS pages on the AWS website.*

*You will need to know Linux at a minimum standard to be effective. We use  [this course](https://www.youtube.com/watch?v=bju_FdCo42w&list=PLtK75qxsQaMLZSo7KL-PmiRarU7hrpnwK" \t "_blank) on YouTube.*

*(They are short 10 minute modules, I watch Youtube at 1.5 speed so 10 minutes becomes about 7 minutes)*

*You can do this here at Itoc but it may be worthwhile looking at the first couple of videos before interview.*

*After a few months any new engineer at Itoc should be able to build an entire multi-tier standard Web application stack in AWS that is multi AZ and highly available. Any simple web app will do that demonstrates these principles !*

*At this point you are becoming a Cloud Guru !*