

# Nicolás Valenzuela

Los Mayas 315 Belloto 2000 Quilpué

Valparaíso, Chile

+569 6345 4457

✉ nicolas.valenzum@gmail.com

## Education and Qualification

2010–to date. **Civil Telematic Engineer**, *Federico Santa Maria Technical University, UTFSM*, Valparaíso, Chile, Student with Vast knowledge in Computer Networks, IT, Data Base, Operative Systems.

2009 **High School**, *Colegio Los Reyes*, Belloto 2000.

## Work Experience

2013 – 2014 **Member of Telematic Broadcasting Team**, *Electronic Department, UTFSM*, Valparaíso, Chile, We work in many conferences providing information to the new students and work in many workshops in order to explain better our labor as Civil Telematic Engineers.

2014 – 2016 **Coordinator at Computer Lab (LabComp)**, *DI, UTFSM*, Valparaíso, Chile, Organize and manage a team of student for the maintenance of servers and services for the informatics community. We work with Linux systems, Web Servers, Mail Servers, monitoring services and other subjects as a System Administrator.

2016 – 2017 **Network Administrator**, *Mathematics Department, UTFSM*, Valparaíso, Chile, Maintenance of servers, services and workstations for the students, configuration of many network devices and currently developing a new web service for the assistants..

2017 - To date **Assistant Research**, *Electronic Department, UTFSM*, Valparaíso, Chile, Assistant to Professor Ahmed Elmesiry, in his research of cyber security, malware analysis, hardware pentesting, ethical hacking and other stuff ..

## Certificates and Publications

- [1] edX Course, "Introduction to Computer Science and Programming", Massachusetts Institute of Technology (MIT), Class A
- [2] A. Elmesiry, S. Rho, N. Valenzuela, S. Seo, "Stochastic Detection of Malwares using API Traces Similarity", International Conference on Multimedia Information Technology and Applications (ICMITA), Jul 11 2017 Cyberjaya, Malaysia.

## Specific Skills

Programming Language: Bash, C, Python, C++, Assembly

Linux System Administrator

Ethical Hacking

## Languages

**Spanish**, *Native*.

**English**, *Basic, written and spoken*.



## References

### **Horst Von Brand**

Informatic Department  
Federico Santa Maria Technical University  
✉ vonbrand@inf.utfsm.cl  
☎ +56-32-2654239

### **Ahmed Elmesiry**

Electronic Department  
Federico Santa Maria Technical University  
✉ ahmed.elmesiry@usm.cl  
☎ +56-32-2654212