

Melanie Balaz

Information technology student



Born: 08.05.1996
Nationality: Austrian
Address: Salusgasse 43, 1220 Wien
Phone: +43 699 11301716
Email: melanie.j.balaz@gmail.com
Web: www.balaz.at

Education

February 2017 - March 2017

Lemmings Incubator

24th July - 8th August 2016

International Baltic Summer School on
Network and Computer Security,
Tallinn

2015 - current

IT studies, University of Vienna

2013-2015

Multimedia and Management College,
Die Graphische
Graduation with a diploma and
excellent success

2011/2012

Foreign exchange student for a
semester in Palo Alto, California

2006-2013

AHS-Wiednergymnasium,
Focus on Biology
Graduation with excellent success

Employment

February 2017 - current

Chat Service Engineering/System
Administration for fragnebenan

March 2016 - June 2016

Independent Contractor as First Level
IT Support at Lomographische AG,
Vienna

April 2014 - November 2015

Minor Employment as a Webdesigner
with IXOLIT GmbH, Vienna

August 2014

Summer Internship with SCI Austria,
located in Vienna and Tavastkenkä,
Finland (Graphic Design and Film)

Languages

German	Native
English	Professional Proficiency
Italian	Basic

Skills and Tools

Programming	Web
C++	Html
Java	CSS/SASS
Python	Bootstrap
JavaScript	SQL
Unit Testing	
Clean Code	
Network	Creative
DHCP Server Setup	Graphic Design
Hostapd Setup	Photography
Wireshark	Film
Kali Linux	Illustration
Nmap	
Client/Server Programming	
Other	
GIT Versioning	
Text composition	
Event organisation	

Interests

- Biology/Genetics/Artificial Intelligence
- Machine Learning/Neural Networks
- Computer Networks
- Network Security / Encryption
- Clean Code
- Photography/Design/Film
- Event organisation

Melanie Balaz

Information technology student



Born: 08.05.1996
Nationality: Austrian
Adress: Salusgasse 43, 1220 Wien
Phone: +43 699 11301716
Email: melanie.j.balaz@gmail.com
Web: www.balaz.at

Other Experience

2016

Volunteer at ChatBotConf 2016

2016

First place at Univie E-Health Hackathon with a team

2016

Participant in a two day Ruby on Rails workshop organised by RailsGirls

2016

Organising a workshop for IT students at the University of Vienna to build computer components out of logic gates

2015

SCI Training for Trainers - Two week course on how to become a trainer, facilitate workshops, public speaking, plan activities,...

2015

Project management and building of a website with interactive functionality for the diploma project „Grundrecht Wohnen - aber wie(n)?“

2014

SCI Austria - Workcamp Coordination at the Poysdorf Workcamp together with the Naturschutzbund Niederösterreich

2013

River Jump! - Founding and organizing of a trilateral environmental youth project funded by Youth in Action

Personal IT Projects

Robot Remote Controller

- Building an Android App for Remote Controlling
- Writing a webserver in Python and running it on Raspberry Pi for handling incoming requests from the App and transforming them into motor control commands on the Raspberry Pi
- Turning the Raspberry Pi into an access point and setting up a password-protected Wifi network
- Configuring and running a DHCP Server on the Pi

Internet of Thing Distributed System

- Conceptualising a distributed IoT system
- Implementing a Server (Tomcat-Servlet) and Client in Java
- Implementing a Publisher-Subscriber Model and message passing via GET and POST requests

„Space Jelly“ - Game

- Built with a team at the Univie E-Health Hackathon in 24 hours
- Webview Application with html/css/javascript
- Works with different data inputs such as GPS location