

# Michail Markou

Greece



backtrackpower@gmail.com



LinkedIn



GitHub



YouTube



code wars



+30 6908990119



Art Station



live:backtrackpower



stack overflow

## Summary

- 2 Years of Experience on Production Game Title(owner-IP). – BRONXOS: Back To Sxool
- Ability to recognize best workflows to pre-production, production (Development lifecycle) and final product Post-production as a Creator of IP Game.
- Experienced Game Developer/Level Designer.
- Experience on Sound Production, Character Animation, Concept Art, 3D-Art, Film Production(vfx/CGI), Gameplay programming, AI NPC behavior, UI/UX, Ability system
- Ex-Internet Service Provider Network Engineer and Systems Administrator.

Define, Analyze, Approve, Charter -> Create a Value

## Experience



### Information Technology Field Technician

OTE Group of Companies (HTO)

AUG 2019 - Nov 2019 (4 MONTHS) THESSALONIKI, GREECE -INTERNSHIP

#### SUMMARY:

**SUPPORT OF BUSINESSES AND CUSTOMERS PROVIDING SERVICES BY OFFERING FAST RECOVERY OF ELECTRICAL CABLING STRUCTURES**

Fiber-optics/Last-Mile, Cooper-rj11/Long Distance Carrier/Demarcation Point/On-Premise Support/primary cross-connection point (PCP), "green cabinet"(serving area interface SAI)

Passive/Active Network Equipment/Access Network/MDF/FTTc/FTTH-FTTP/PSTN/ISDN/

Voice Broadband-IMS-VoBB (VoBB-pstn/isdn)/Call-Center Backoffice Support-L1 tech support/DLU/

MSAN/xDSL/Cable problem Management/DSLAM-filters/PBX/TDM

Wireless Communications



## **Fixed/ip mpls Service Operation Network Engineer**

Vodafone

**AUG 2018 - JAN 2019 (6 MONTHS) CHALANDRI, ATHENS, GREECE - INTERNSHIP**

**SUMMARY:**

**SUPPORTING Mobile, Fixed Enterprise & Residential, Core Service Platforms, Technology Strategy, Information Security and Network Operations**

- Planning documents, guidelines and high-level network designs (**HLD**)
- Low level designs for the network infrastructure and integration of new systems (**LLD**)
- Software upgrade planning, methods and delivery
- Managing IP network resources and acting as authority for assignment of specific IP network parameters
- Scalable Networks, Expanding switched Networks L2/3
- Contribute to design documents for multiservice IP MPLS Network & Security Gateway infrastructure and for the integration of new platforms and services

Technologies and Solutions used: ASR920, ASR9000, ME3400, Juniper, Nexus, mainly VPLS architecture

CDN, CPN, FIXED-Data-Center Cabling(fiber-SFP's-1-100GB) Service Operation, IPTV, VoIP, Data Delivery Services, Transmission-DWDM and Metro Ethernet Network, service provisioning, CISCO, JUNIPER, ALCATEL NOKIA



## **Security Guard**

ISM

**JUL 2017 - AUG 2017 (2 MONTHS) - INTERNSHIP**

Operation Control Room-Patrol

## **Education**



### **University of East London**

Bachelor of Science - BS, Computer Science

**2019 – 2022**

web application development UI/UX, PHP, JavaScript, java, python, mobile applications development, System Design/analysis and modeling, object-oriented programming (OOP), Relational Databases,

Operating Systems, Data Structures, Math's for Computing, Networks and Security, Agile Software Development, Artificial Intelligence, MATLAB, Academic Skills (Plagiarism, collusion, QMU Harvard system), Computing in practice (Resume, portfolio, personal representation, cover letter, System Design and analysis)

AMC Metropolitan college of Thessaloniki

**Dissertation/thesis Year 3 Project:** Social Network App (Android, Web, PC app) LINK:



### **vocational Training institute of Evosmos (I.E.K)**

Computer Hardware Engineering

2017 - 2019

PC Build/Laptop repair/smartphones/tablets/Proteus/Altium Designer PCB Creation (CAD)

-Drop out

2 years



### **I.E.K of Monastiriou - Thessaloniki**

Automation Engineer Technology/Technician

2015 – 2016

IoT/Electronics/Mechatronics

-Drop out

1 year

## **Skills**

**Hard: INDUSTRY STANDARDS (BLUE INDICATES STRONG MOST USED SKILLS FREQUENTLY)**

- **Software/Web Development** (C#(unity), C++(UE4), [java](#) (GUI, [Multi-Threading](#), [Android](#), [Spring](#), [ORM \(hibernate\)](#)), JavaScript (AngularJS-mvc, Angular, JQuery), HTML5, CSS, PHP (core), Python, bash, PowerShell) / [agile](#)
- **UI/UX** ([case study](#), [Mockup MVP wireframe Low/High Fidelity](#), [Colour theory](#), [typography](#), [iconography](#), [layout](#), [sitemap](#), [Adobe XD](#))
- **Computer Graphics** (OpenGL, 2D/3D Game Engine) • **Math** ([linear algebra](#), [vectors](#), [matrices](#))
- **VFX & Motion Graphic Design** ([After effects](#) (BorisFX, RedGiant, VideoCoPilot), [illustrator](#), [photoshop](#))
- **Relational Databases** ([MySQL](#)/Persistent stored modules, Oracle, PostgreSQL)
- **NO-SQL** (MongoDB, Firebase, neo4j) • **Tools DB** (JetBrains DataGrip, Oracle SQL developer, MySQL Workbench, pgAdmin)

- **Web Servers** (Apache, Nginx)
- **System Administration** (Windows Server, Debian, RHEL) • **Cloud Computing** (private, public, MS azure, AWS, Digital Ocean, [VMware](#), Hyper-V, Esxi)
- **Infrastructure Provisioning/DevOps** ([Docker](#), Travis CI, Kubernetes)
- **Quality Assurance** ()
- **Reverse Engineering** (Assembly x86/x64 CISC architecture, IDA pro, Ghidra)
- **Hardware Engineering** (PCB creation, Arduino, PC/Laptop Build/Repair, Network Routers/switches/SFP's/Fiber- Optics, Logic Gates, Electric Transformer, Altium Designer, microchips)
- **Project Management** ([ITIL](#), [JIRA](#), DVCS (Distributed Version Control)/[Perforce](#), Subversion, [Git](#), [Visual Paradigm Enterprise](#))
- **Microsoft Office 365** ([Word](#), [Excel](#), [PowerPoint](#), [Access](#), [Visio](#) Diagrams (UML, BPMN, Flowcharts))
- **Information Security** (ISO/IEC 27001/2, Asset protection and evaluation, social engineering)
- **Infrastructure/Network Administration** (CISCO, juniper, L3/L2 routing, Vlans, VPLS, Nagios, GNS3)
- **Marketing** (SEO/SEM, social media, CRM)
- **Game Development** ([Unreal Engine 5](#), unity, [Blender](#), Houdini, [Cinema 4D](#), [Adobe Suite](#), ZBrush, Shaders, Architectural Design [Revit](#), [Substance Painter](#), [Quixel Mixer](#), Substance Designer, Character Creator 3, IClone)
- **Screenwriting** (community building, Intention & Obstacle Drama, Character development-arch, acts, [Final Draft](#), [Articy:Draft 3](#))
- **Music Production** (FMOD middleware, [Ableton](#) (VSTs-arturia-scaler boutique-audiority-bluecat), Piano, [SoundFX](#))

#### **Soft: INTERPERSONAL SKILLS, TRAITS**

- Leadership • Adaptability • Problem-solver • Listening • Multitasker • Self-Motivated • Organized • Work Well under pressure • Driven • Attention to detail/Detail-oriented • Enthusiastic • Consistent • Integrity • Superior Time management • Decision Maker • Team-oriented • Responsible • Communication • Creative • Work Ethic • Skilled Collaborator • Strategic Thinker • Works best on Backstage • Innovation • Design • Data Entry • Analytical/Data • Collaboration • Document Sharing

## **Licenses & Certifications**

 **Security Personnel** - Center for Security Studies (KEMEA) – 2017



**Complete First Aid Training (CPR/FIRST AID/ AED/ -ADULT -CHILD - INFANT) -**  
RESCUE TRAINING INTERNATIONAL - 2017



**Cardiopulmonary Resuscitation & Automated External Defibrillator (CPR & AED)**  
- RESCUE TRAINING INTERNATIONAL – 2017



**C1 English – TIE – 2017**



**INTELLIGENCE/INFORMATION SECURITY - HELLENIC FEDERATION OF**  
MARTIAL ARTS - 2016



**VIP close protection-ANTITERRORISM ASSISTANCE - Hellenic Federation of**  
Martial Arts - 2016



**CHEMICAL WARFARE - Hellenic Federation of Martial Arts - 2016**



**VULNERABLE TARGETS GUARDING - HELLENIC FEDERATION OF MARTIAL**  
ARTS - 2016



**DEFENSIVE TACTICS ARREST & CONTROL TECHNIQUES - HELLENIC**  
FEDERATION OF MARTIAL ARTS - 2016



**ECDL advanced - ICDL Europe - 2009**

## Honors & Awards



**SCP-MMA Strength Challenge Pro**

Sep 2016

Thessaloniki-Vellidio Convention Center (silver medal)



**Greek Championship Heavy Weight Strength- powerlifting (Hellenic powerlifting**  
**Federation) - 1st**

Sep 2015

Gold Medal