

# CRISTHIAN G. ESPINOSA S.

COMPUTER ENGINEERING w/ Math minor

## CORE QUALIFICATIONS

Vast experience in trouble shooting computer-based problems  
Excellent Communication skill to present points precisely and clearly  
Good problem solving ability and analytic skill to solve the problem efficiently  
Good team player and have excellent interaction skill to coordinate and work with

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## PROJECTS

### THE LAST WARRIOR GAME (2016)

#### *Game Design*

Designed a 3D adventure game consisting of dungeons, castles, small villages.

- Implemented game mechanics
- Developed environment pieces, game objects and gameplay
- Used game assets for the level design

### FARM MANAGEMENT (2014)

#### *Lead Software Engineer, Designer*

Worked as leader of engineering team and ensured cooperation and complete achievement of user requirements and deadlines.

- Implemented a web application using Laravel
- Integrated touch-based interfaces for mobile platforms
- Develop the UI for the management of inventory, finances, employees
- Analyze system requirements and data

## SKILLS

**CONNECTIVITY & HARDWARE** – CISCO, Routing, DHCP and DNS Servers, Web Servers, Ethernet, Wireless Networks, TCP/IP, DDOS, Access points, Repeaters, Switches, UTP cabling, DDWRT, OpenWRT

**APPLICATIONS** – VMware, VirtualBox, Windows Server, Linux, Microsoft Office, Adobe Photoshop, Unity, Cisco Packet Tracer, Sony Vegas, Microsoft Visual Studio, Android Studio, OS Terminals

**PROGRAMING LANGUAGES** – C++, C, C#, Java, PHP, HTML, CSS, Python, JavaScript, SQL. **Hardware:** VHDL, Verilog.

**MATH** – Linear Algebra, Physics, Calculus, Trigonometry, Geometry, Discrete Mathematics

**FRAMEWORKS**– Laravel, Wordpress, Joomla!, Mambo

**OTHER** - Databases, Server Management, Risk Mitigation, System requirements, Information security

## EXPERIENCE AND ACHIEVEMENTS

**Scholarship to study abroad in the United States (2015 - Now)**  
(SENACYT-IFARHU)

**National Competition of Web Pages - WEB PA' 2006 – 1st Place**  
Cable & Wireless Panama

**Technical Engineering Support (IPA Distributor, David, Panama. - Duration: 2 Months) - 2011**  
Troubleshooting hardware and software problems and provide technical support to customers

**GameServers.com (Remote Server Administration) - 2010**  
Create, setup, customize, and manage a gaming server. Set parameters for plugins, mods, and maps

### **Network Engineering Team (University Information Technology Services)**

Configure and troubleshoot CISCO access points around the campus infrastructure and collaborate installing Juniper switches.

## EDUCATION

### UNIVERSITY OF ARKANSAS, FAYETTEVILLE, UNITED STATES

B.S. Computer Engineering, Honors College – (2015 - now)

### JÖNKÖPING UNIVERSITY, SWEDEN (6 months - 2018)

### TECHNOLOGICAL UNIVERSITY OF PANAMA (UTP), PANAMA

B.S. Computer Systems Engineering – (2012 – 2014)