

# GASTON PESA

## EDUCATION

### **Master of Science in Computer Science**

Northeastern Illinois University • Chicago, Illinois • Graduated December 2016  
GPA 3.67 / 4.0

### **Bachelor of Science in Law Enforcement and Justice Administration**

Spanish minor  
Western Illinois University • Macomb, Illinois • Graduated July 2011

## EXPERIENCE

### **Smart Refrigerator (Artificial Intelligence / C#, Java, MySQL) • Independent Study • August 2016 – Present**

- Development of a smart refrigerator system using Naïve Bayes approach
- Analyze and learn human behavior to find associations between items in a household refrigerator
- Recommend a shopping list based on household needs by observing behaviors and patterns of a household

### **Field Engineer • Ksys Group • Skokie, Illinois • April 2016 – Present**

- AD and Exchange Server Management for over 300 employees
- Network configuration, troubleshooting and installations
- Hardware configuration, troubleshooting and installations
- On-site and remote support using LogMeIn for clients in the Chicagoland area

### **Remote Technician • Sunset Dental Technologies • Lakeview, Illinois • November 2015 – April 2016**

- PC repairs and installation of hardware and software
- Configuration of networks and routers
- Server and workstation troubleshooting, upgrades and setups
- Phone and remote support using TeamViewer for over 200 clients nationwide
- On-site support for clients located in the Chicagoland area

### **Medical Receptionist • European Therapy Center • Northfield, Illinois • March 2015 – November 2015**

- Provided technical support as needed for the business in two locations
- Verified insurance information for patients
- Managed patient files and schedules for 100 patients, and eight doctors

### **Police Officer • Warrenville Police Department • Warrenville, Illinois • December 2013 – October 2014**

- Protected life and property of 13,000 citizens, 350 businesses and others within city limits by enforcing laws and regulations
- Enforced state and local laws and ordinances through arrests, citations and warnings
- Responded to 911 calls: incidents involving traffic crashes, misdemeanors, felonies and various citizen service requests
- Conducted interviews and interrogations to assist in solving cases
- Attended court and testified in the trial process

## PERSONAL PROJECTS

- **Java:** Snake, various algorithms, Multi-user Chatroom, Task Reminder, Flashcard, Multiplayer Ping Pong
- **VB.Net:** Movie Surfer, Job Applier, GastonScript, Various memory readers for games
- **C#:** Army Defense (Game)
- **Python:** Movie Review Classification, Decision Tree Algorithm, Naïve Bayes Algorithm
- **Web:** [www.gastonpesa.com](http://www.gastonpesa.com), [www.thegiftexchange.net](http://www.thegiftexchange.net)

## SKILLS

- 10+ years of experience in Visual Basic .Net, Visual Basic 6
- 2 years of experience in Java, HTML, PHP, SQL, CSS
- Proficient in Adobe Photoshop, Python, Unity 3D, Bootstrap, C#, Microsoft Word, PowerPoint, Excel, SharePoint
- Fluent in Spanish

## ORGANIZATIONAL INVOLVEMENT

### **Educational Chair and Secretary • Lambda Theta Phi, Fraternity • 2009 – 2011**

- Responsible for making sure the fraternity's educational standards were met by all members
- Produced minutes of meetings and distributed them to members of the chapter

### **Soccer Referee • American Youth Soccer Organization ("AYSO") Region 425 • Northfield, Illinois • 2007 – 2012**

- Enforced soccer rules while acting as the center referee during games for children ages 12 and under
- Calmed parents when they expressed disagreement with a call