

# Nelma Perera

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<http://npererar.me>

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## PROFESSIONAL PROFILE

Innovative **web** and **mobile** developer, with years of experience in **object-oriented** programming; **developing**, **testing** and **debugging** code. Highly self-motivated learner, who quickly **adapt** and master **new technologies**. Successful working in both **team** and **individual** environments.

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## EDUCATION

**B.S. in Computer Science**, University of Texas at Austin May, 2016

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## EXPERIENCE

**iOS Developer / todo mobile app**, University of Texas at Austin January, 2016 – May, 2016  
<https://github.com/iOS-Mobile-Dev/todo>

- One of three developers on the team that built a P2P on-demand tutoring service for iOS app. Enabling an immediate, easy and affordable way for students to get a private assistance on their subject of difficulty, while paying the tutor time and effort with an alternative electronic currency system.

**Technologies:** Swift, Objective-C, Cocoa Touch, Xcode, Firebase, RESTful, JSON.

**Android Developer / Photoball mobile app**, University of Texas at Austin January, 2016 – May, 2016  
<https://github.com/Android-Mobile-Dev/Photoball>

- One of three developers on the team that built an Android game app. It allows to take images from a device's camera or gallery and generate an edges map based on that, afterwards a user's controlled ball can interact and bounce over the edges from the generated environment.

**Technologies:** Java, XML, Android Studio, Android SDK.

**Research Assistant**, University of Texas at Austin January, 2016 – May, 2016  
<https://github.com/nelmiux/CarnotKE>

- Researcher and developer of a platform that allows automatic translation of SQL-to SPARQL over a Jena JDBC adapter.

**Technologies:** Java, Python, Jena JDBC Driver, IntelliJ, Oracle Database, RDF, SPARQL.

**Back-End Web Developer / GotoPaws web app**, University of Texas at Austin June, 2015 – August, 2015  
<https://github.com/nsaid-team/gotopaws>

- One of five developers on the team that built a web app that's provides a single centralized environment for animal's lovers to find information about shelters, parks, vets, groomers, and pets up for adoption.

**Technologies:** Python, Django, UML, MVC, MySQL, RESTful API, Apiary, ElasticSearch, JSON, Bootstrap, HTML/XML, JavaScript, JQuery.

**CEO, Software Developer, IT Consultant / Binarium Technology**, Florida 2008 – 2012

- Responsible for all day-to-day management decisions, and everything else. Sometimes team leader and sometimes team member of a multiples web, mobile and few desktop development projects.

**Technologies:** C++, C#, ASP.NET, Java, Python, iOS, Android, PHP, HTML, JavaScript, MySQL, Microsoft SQL Server, JQuery, Visual Studio, Linux.

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## SKILLS / TECHNOLOGIES SUMMARY

Java, Python, Swift, Objective-C, C++, C#, PHP, HTML, JavaScript, UML, Oracle SQL, Microsoft SQL Server, MySQL, SPARQL, NEO4J, ASP.NET, MVC, Cocoa Touch, Android SDK, Django, Bootstrap, JQuery, Firebase, ElasticSearch.