

## EDUCATION:

- California State University, Long Beach - **B.S. Computer Science** Summa Cum Laude. Fall 2015.
- El Camino College - **Associate of Science** with honors. Spring 2013.
- **Cumulative GPA:** 3.97, **CSULB GPA:** 4.0.
- **Awards:** Excellence in Physics, Academic Achievement in the Field of Mathematics, Foundation Scholars Award, President's Honor List, 2015 Grace Hopper Scholarship.

## WORK EXPERIENCE:

### ZLYNE (June 2015 - current)

Long Beach, California

Zlyne started as a research project with the purpose of reducing traffic congestion at the Port of Long Beach. The project was sponsored by METTRANS Transportation Center and developed in collaboration with the Chair of Computer Science Department at CSULB Dr. Burkhard Englert.

#### **Position: Full Stack Web Developer**

- Installed and configured LAMP on Amazon AWS Ubuntu server. Worked with Apache file.
- Configured MySQL database tables and seeded the initial data.
- Used Laravel MVC framework to create models, views, controllers and other project files in PHP.
- Collaborated with other team members on creating the REST API with JWT token authentication.
- Used HTML, Bootstrap CSS, jQuery and JavaScript to create front end views.
- Created dynamic map and chart pages using AJAX.

**More info:** [www.zlyne.com](http://www.zlyne.com)

### DISCOUNT TWO-WAY RADIO (August 2007- July 2015)

Harbor City, California

A business-to-business company, which specializes in selling commercial two-way radios. I helped reduce IT costs and speed up the development by replacing an overseas team as a single in-house developer.

#### **Position: Front End Web Developer**

- Elicited the requirements and analyzed the business logic to create solutions, which improved common processes inside company's customer relationship management system (Netsuite).
- Implemented heavy back end customizations to Netsuite using JavaScript.
- Used REST API to integrate Netsuite with other web services.
- Built websites' front end with HTML, CSS, jQuery, JavaScript and Netsuite as a back end.
- Rebuilt websites to utilize Magento with PHP, HTML, CSS, jQuery and JavaScript.

- Integrated Netsuite with Magento websites using SOAP.
- Mentored junior team members.

**More info:** [www.discounttwo-wayradio.com](http://www.discounttwo-wayradio.com)

## PROJECTS:

### **WEB APPLICATION FOR SHARED SCIENCE (September 2015 - February 2016)** Long Beach, CA

Shared Science required a solution, which allowed them to generate custom reports. Together with a team, we created a web application with the abilities to import CSV data, change CSV maps, create and completely customize the look of the reports.

- Configured MySQL database.
- Used Laravel MVC framework to create models, views, controllers and other project files in PHP.
- Built a module to allow custom queries into the database using jQuery UI and PHP.
- Utilized a Laravel plugin to allow to store Blade templates into the database and completely customize the look of the reports.
- Used HTML, Bootstrap CSS, jQuery and JavaScript to create front end views.

**More info:** [www.sharedscience.filatovaelena.com](http://www.sharedscience.filatovaelena.com), **Git:** <https://github.com/elenadotedu/SharedScienceDemo>

### **TOD TURTLE (March 2015 - April 2015)**

Long Beach, CA

Educational games / tutorials for children and adults, who want to become familiar with computer programming.

- Used TouchDevelop to create turtle tutorials for beginners in computer science.
- Used HTML, CSS and JavaScript to create a website for Tod Turtle project.

**More info:** <http://todturtle.byethost14.com>

## SKILLS:

- **Programming Languages:** Java, C, C++, C#, Python, JavaScript, JQuery, Ajax, Json, HTML, CSS, XML, PHP, SQL.
- **Other:** Unity 3D, Eclipse, Visual Studio, Adobe Creative Suite, Netsuite, Magento, Laravel, MySQL, Apache, Linux, Web Development, Version Control (SVN, Git), Software Engineering.
- **Languages other than English:** Russian.

**INTERESTS:** educational software, artificial intelligence, ping pong, salsa dancing.