

# ELENA FILATOVA

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## 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.

## WORKING 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. It was sponsored by METRANS Transportation Center. Faculty members participating in the project: Dr. Burkhard Englert, a Chair of Computer Science Department at CSULB; Dr. Mehrdad Aliasgari, Assistant Professor at CSULB; Dr. Shadnaz Asgari, Assistant Professor at CSULB.

#### **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.