

ELENA FILATOVA

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EDUCATION:

- 09/2013 - **Bachelor of Computer Science** Summa Cum Laude (with highest honor), California State University, Long Beach
12/2015
Awards: President's Honor List, 2015 Grace Hopper Scholarship
GPA: 4.0
- 09/2008 - **Associate of Science** with honors, El Camino College
06/2013
Awards: Excellence in Physics, Academic Achievement in the Field of Mathematics, Foundation Scholars Award
GPA: 3.95

WORK EXPERIENCE:

- 06/2015 - **Full Stack Web Developer**
current **Zlyne**, Long Beach, CA | www.zlyne.com
Zlyne started as a research project with the purpose of reducing traffic congestion at the Port of Long Beach. The project was sponsored by METRANS Transportation Center and developed in collaboration with the Chair of Computer Science Department at CSULB Dr. Burkhard Englert.
Duties:
- Installed and configured LAMP on Amazon AWS Ubuntu server.
 - Configured MySQL database and Laravel MVC framework.
 - Designed and configured role-based access control system.
 - Developed REST API with JWT token authentication to be used by third parties.
 - Created front end views with HTML, Bootstrap CSS, jQuery and JavaScript.
 - Created dynamic map and chart pages using AJAX to allow to view locations of the shipping company's trucks and visualize their average turnaround times inside the port.
- 08/2007 - **Front End Web Developer**
07/2015 **Discount Two-Way Radio**, Harbor City, CA | www.discounttwo-wayradio.com
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.

Duties:

- Elicited the requirements and analyzed 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.
- Integrated Netsuite with other web services using REST APIs.
- 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, JavaScript and SOAP.
- Mentored junior team members.

PROJECTS:

- 09/2015 - **Web Application for Shared Science** | github.com/elenadotedu/SharedScienceDemo
- 12/2015 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 and Laravel MVC framework.
 - Built an advanced search engine to allow complex queries into the database from a user interface.
 - Configured a plugin to apply completely custom templates to the results of the search.
 - Created front end views with HTML, Bootstrap CSS, jQuery and JavaScript.
- 03/2015 - **Tod Turtle** | <http://todturtle.byethost14.com>
- 04/2015 Educational games / tutorials for children and adults, who want to become familiar with computer programming.
- Created interactive tutorials for beginners in computer science using TouchDevelop.

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.