

## ALEX YAKOVLEV

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### EDUCATION

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<b>Irvine, CA</b>	<b>University of California, Irvine</b>	<b>September 2017 – June 2019</b>
<ul style="list-style-type: none"><li>• Bachelor of Science, Computer Science. GPA: 3.80</li><li>• Coursework: Data Structures and Algorithms, Databases, Differential Equations</li></ul>		
<b>Santa Rosa, CA</b>	<b>Santa Rosa Junior College</b>	<b>August 2015 – May 2017</b>
<ul style="list-style-type: none"><li>• Computer Science. GPA: 3.73</li></ul>		

### EXPERIENCE

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<b>IT - Commercial, Intern</b>	<b>Ultragenyx Pharmaceutical Inc.</b>	<b>May – August 2016</b>
<ul style="list-style-type: none"><li>• Implemented database bulk loading procedures using T-SQL and Microsoft SQL Server to process hundreds of health care provider accounts daily.</li><li>• Helped migrate thousands of old accounts and clinical trial data entries to the new database.</li><li>• Administrated over the master relational database and provided the commercial team with access to accurate, normalized data.</li></ul>		

### PROJECTS

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#### **Study Spot Locator (2018)**

- Web app for finding a place to study based on crowd sourced data of current activity level and amenities.
- Developed back end functionality with Javascript and Google Maps Geolocation API.
- Connected website to remote NoSQL database using jQuery and Firebase.

#### **Task Manager 2002 (2017)**

- Enterprise desktop application that manages tasks, their completion statistics and associated users.
- Created a relational database with SQLite to allow for full create, read, update and delete functionality.
- Built UI forms, data tables and dashboard views with Java.

#### **UC Transfer Planner Web App (2016)**

- Web app for students that procedurally generates optimal course schedules based on the user's target school and major. The finished report is easily readable and parsed into a downloadable CSV file.
- Developed with full CRUD functionality using Python and a Flask framework hosted on AWS EC2.
- Implemented on a MySQL database hosted on AWS RDS.

### SKILLS AND TECHNOLOGIES

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#### **Programming Languages**

- C++, Java, Python, HTML, CSS, Javascript, T-SQL, MySQL

#### **Tools / Other Skills**

- Amazon Web Services, Flask, Git version-control, Visual Studio, Bootstrap
- Microsoft SQL Server, Microsoft Access, Salesforce, Veeva CRM
- Russian (conversational)

### ACTIVITIES

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#### **Events**

- Developed the back end of a CSV parser in C# with Microsoft Azure on a team at Cal Hacks.
- Led a team of four people using a scaled Agile framework at Hacking Edu that launched a Flask-powered web app within 48 hours.