

ALEX YAKOVLEV

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EDUCATION

Irvine, CA	University of California, Irvine	September 2017 – June 2020
<ul style="list-style-type: none">• Bachelor of Science, Computer Science. GPA: 3.44• Coursework: Databases, Operating Systems, System Design		

EXPERIENCE

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

PROJECTS

Online Movie Shop (2018)

- Web app where users can search for movies by various criteria, view its info, and place orders.
- Search, login, and shopping cart functionalities implemented with MySQL and JDBC.
- Built with Java servlets, Javascript, and jQuery on a MySQL database.
- Implemented load-balancing on Apache Tomcat server hosted on Amazon EC2.

Task Manager (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.

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.

SKILLS AND TECHNOLOGIES

Programming Languages

- C++, C, Java, Javascript, Python, CSS, T-SQL, MySQL, x86 Assembly

Tools / Other Skills

- AWS EC2, Google Cloud Platform, Flask, Git, jQuery
- Microsoft SQL Server, Microsoft Access, Salesforce
- Vim, Visual Studio, JMeter, Apache

ACTIVITIES

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.