

STEPHAN ZHARKOV

DEVELOPER & SOFTWARE ENGINEER

Sacramento, California

+1 (916) 897-6607

stephan.zharkov@gmail.com

sdzharkov.me

<https://github.com/sdzharkov>

BIOGRAPHY

I am a third year Computer Science major and Technology Management minor at the University of California, Davis. I'm currently looking for opportunities to expand my knowledge surrounding the different facets in the field of software engineering and building robust web platforms. My current interests include machine learning and data analysis, cryptocurrencies, and virtual reality development.

EXPERIENCE

- **Firmware Application Engineering Intern**
Intel Corporation | May 2016 - August 2016

Engaged in technical performance testing for publicly unannounced, firmware-based projects and managed international synchronization with Intel GEO's for debugging.

Focused on releases of firmware applications by a streamlining validation process.

Validated critical issues for unreleased firmware projects and provided clear compliance results.
- **Web Developer**
SCB Real Estate | Feb 2016 - June 2016

Developed the front-end for a local real estate company

Utilized HTML frameworks and javascript libraries to create a robust and functional website.
- **Web Development Intern**
Newton's Computer Hardware Warehouse | June 2015 - July 2016

Freelance web design utilizing HTML programming for clients

Assisted manager in circuitry tasks involving assembling and disassembling computers

Contacting and organizing jobs from clients among staff members

EDUCATION

- **Bachelor's Degree**
University of California, Davis | 2014 - Current

Majoring in Computer Science with a technology management minor.

Computer Science GPA: 3.5. Cumulative GPA: 3.32

Relevant Coursework

- Database Systems
- Probability and Statistical Modeling
- Cryptocurrencies
- Algorithm Design
- Web Development
- Database Structures and Programming
- Computer Organization and Machine-Dependent Programming
- Software and Object Oriented Programming
- Artificial Intelligence
- Operating Systems

Personal Projects

2016 Election Prediction Map

A web application built to predict voter decisions for counties in California. Utilizes the Huffington Post API, Heroku, vanilla JS, NodeJS, AJAX, SQLite, HTML5, CSS3, and D3.js.
<https://enigmatic-bayou-53008.herokuapp.com/>

Trip Split

A web application designed for road trips, addressing the gas-splitting problem and providing new suggestions to your trip.

Built RESTful API to serve car data. Utilize Django framework, PostgreSQL, Google Maps API and Javascript.

SKILLS

Python 

Javascript 

Java 

Frameworks 

jQuery 

Django/Flask 

C & C++ 

SQL 

HTML5 & CSS3 

Git 

Unix 

R 