

STEPHAN ZHARKOV

DEVELOPER & SOFTWARE ENGINEER

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BIOGRAPHY

I am a third year Computer Science major and Technology Management minor at the University of California, Davis currently looking for opportunities to expand my knowledge surrounding the different facets 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 internal 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 Hardware | 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 3.27 GPA and a technology management minor.
- Graduate**
McClatchy High School | Sept 2010 - June 2014

Relevant Coursework

ECS165A: Database Systems

ECS132: Probability and Statistical Modeling

ECS122A: Algorithm Design

ECS89H: Web Development

ECS60: Database Structures and Programming

ECS50: Computer Organization and Machine-Dependent Programming

ECS40: Software and Object Oriented Programming

ECS30: Programming and Problem Solving

ECS198: Cryptocurrencies

Personal Projects

2016 Election Prediction Map
A web application built to predict voter decisions for counties in California. Utilizes the Huffington Post API, vanilla JS, NodeJS, SQLite, HTML5, CSS3, and D3.js.

Trip Split
A web application designed for road trips, addressing the gas-splitting problem and providing new suggestions to your trip. Built with Django, PostgreSQL, and javascript.

SKILLS

Python	<div></div>	C & C++	<div></div>
Javascript	<div></div>	SQL	<div></div>
HTML5	<div></div>	CSS3	<div></div>
Frameworks	<div></div>	Git	<div></div>
Bash	<div></div>	Unix	<div></div>