DAVID ZAGAYNOV

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EDUCATION

University of California, Berkeley   Berkeley, CA
Bachelors Computer Science *GPA: 3.54*   Aug 2018 - May 2022

WORK EXPERIENCE

Capital IT Consulting
Software Engineer Intern   May 2020 - Aug 2020

- Designed and developed REST APIs for OCVC (web application used by the State of Oklahoma Victims Compensation Program https://ocvcapp.okvictimscomp.com)
- Researched implementation of real-time Air Quality Data analysis using Python with pandas.
- Technology Stack: C#, Python, pandas, .NET Core, Vue.js , MS SQL

UC Berkeley
Academic Intern, CS61B   June 2020 - Aug 2020

- Lab Assistant for Berkeley's core Data Structures class which entails guiding students through new lab content, answering questions, and helping facilitate student learning.
- Served as an academic intern at office hours helping students by answering questions pertaining to homeworks, labs, and projects on OOP, software design, and functional programming.

ASDCom
Software Engineer Intern   May 2019 - Aug 2019

- Documented application features and functionality for end users.
- Identified, documented, and reported bugs, errors, and interoperability flaws and other issues within software application.
- Reviewed and provided feedback for application technical documentation.

PERSONAL PROJECTS AND COMPETITIONS

Social Club   https://joinsocial.club/
Created Social Club, a platform to catalyze relevant relationships between university students. Users are matched weekly with someone for a Zoom call, based on their interests and availability. Under active development by team of Berkeley and Stanford students.

Cal Hacks 5.0 *Python, Java, Arduino, Epson Moverio, ML Engine*
1 of 4 overall winners out of 250+ teams and Qualcomm Award for Best IoT Hack. Worked in a team of four during a 48 hour hackathon at UC Berkeley. Developed a working prototype of an AR platform to assist firefighters and first responders in navigating disaster sites.

Columbia Model Entrepenuer *Java*
Finalist for international entrepreneurship competition. Created and pitched Conch, an app to simplify planning of events for friends with voting and suggestion capabilities.

SKILLS

Programming Languages:	Python, Java, C, C#, Lisp/Scheme, SQL
Technologies:	.NET Core, Django, TensorFlow, Jupyter Notebook

OTHER

Relevant Coursework
Data Structures, Discrete Mathematics, Efficient Algorithms, Interpretation of Computer Programs, Blockchain Fundamentals, Numerical Analysis, Machine Structures, Databases, Artificial Intelligence.

Interests
Options Trading, Reading, Rock Climbing, Skateboarding