

Mirlan Boroshilov

[in Mirlan Boroshilov](#) | [Mirlan](#) | ☎ 562-753-3089 | ✉ boroshilov.mirlan@gmail.com

Education

California State University, Long Beach

Expected Graduation, December 2024

Bachelor of Science in Computer Science

- Cumulative GPA: 3.55/4.0
- Relevant Coursework : Discrete Mathematics, Database Fundamentals, Computer Architecture, Probability and Statistics Computing, Operating Systems, Software Engineering, Object Oriented Programming, Data Structures and Algorithms.
- President's Honor List: Earned a place on the President's Honor List in the Fall semester of 2022 and Spring semester of 2023

Skills

- Python | JavaScript | C | C++ | OOP | HTML | CSS | React | MongoDB | SQL (PostgreSQL) | Git | GitHub |
- Frontend | Backend | Full-Stack
- English | Russian | Kyrgyz – *All professional proficiency*

Experience

DubHacks, Hackathon, Seattle, WA

October of 2023

- Developed Job 4 Job(4J4) in a team of four within 24 hours using Python, MongoDB, and Flask.
- Implemented robust data storage in MongoDB and conducted rigorous testing using Postman, validating system functionality through "post" and "get" methods.
- Collaborated with partners to create a user-friendly interface using JavaScript, HTML, and CSS.

CSULB Programming Team, Long Beach, CA

January - June of 2023

- Competed in complex problem-solving challenges against university students nationwide at Riverside Community College.
- Teamed up for LeetCode problem-solving, developing algorithms in Python and C++, including quicksort and bubble sort.

LA Hacks 2023, Hackathon, Los Angeles, CA

April of 2023

- Led a four-member team in the creation of "BudgetPal" within a 36-hour timeframe.
- Organized data for efficient search and pull requests using Python and MongoDB.
- Oversaw the entire development lifecycle, from identifying system requirements to workload balancing and testing.
- Integrated a database, resulting in increased storage capacity for customer transactions.
- Formatted data into a JSON-like structure using Flask for seamless presentation on the front-end (HTML, CSS, and JavaScript).

BeachHacks 7.0, Hackathon, Long Beach, CA

February of 2023

- Developed a streamlined "Todo List" application for tracking future errands and due dates.
- Applied Object-Oriented Programming (OOP) concepts to connect classes, enhancing code structure and maintainability.

Projects

BudgetPal: Budget tracker that simplifies finances with receipt-based expense tracking (HTML, CSS, and Javascript for general web design & Firebase and MangoDB for backend,). Link to [YouTube](#) Preview (4/23/2023)

Enrollment Tracker: Implemented application that stored thousands of students data in a team of 5 (MongoDB and Python) Link to [YouTube](#) Preview. (3/16/2023)

- Established uniqueness constraints for attributes and seamlessly integrated embedded classes within one another.

MovieLand: Conceptualized, designed, and developed a cutting-edge movie search engine.

QuoteGenerator: Integrated a dynamic API to fetch a diverse range of inspiring quotes & ability to share quotes on Twitter.