Mirlan Boroshilov

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Education

California State University, Long Beach   **Expected Graduation, December 2024**

Bachelor of Science in Computer Science

- Cumulative GPA: 3.55/4.0
- Relevant Coursework : Object Oriented Programming, Data Structures and Algorithms, Software Development with Frameworks, Machine Learning, Software Management and Testing, Operating Systems, Database, Computer Architecture.

Skills

- **Programming Languages**: Python | C | C# | C++ | JavaScript | Java | | HTML | CSS | SQL (MySQL, PostgreSQL, Oracle)
- **Frameworks/Tools:** React.js | Firebase | Git | GitHub | OOP | MongoDB (Atlas) | Linux (WSL) | VSCode
- **Languages**: English | Russian | Kyrgyz – *All professional proficiency*

Experience

DubHacks, Hackathon, *Seattle, WA*   **October of 2023**

- Developed a job exchange platform using HTML, CSS, and JavaScript within a 24-hour timeframe
- Implemented robust data storage in MongoDB, rigorously tested system functionality using Postman, and **validated** "post" and "get" methods with Python.
- Collaborated with partners to create a user-friendly interface using JavaScript, HTML, and CSS.
- Employed **best coding practices and effectively communicated** findings and solutions.

CSULB Programming Team, *Long Beach, CA*   **January - June of 2023**

- Competed in complex problem-solving challenges against university students nationwide at Riverside Community College.
- Developed **algorithms** in Python and C++, including quicksort and bubble sort.

LA Hacks 2023, Hackathon, *Los Angeles, CA*   **April of 2023**

- Led a team of 4 members, leveraging each member's strengths to delegate tasks efficiently and ensure timely project completion.
- Implemented efficient data organization in Python and MongoDB, improving search and pull request features.
- Oversaw the entire development lifecycle, from identifying system requirements to **workload balancing and testing**.
- Guided members through **design decisions**, **debugging**, and **reviewing** code.
- Designed and developer **schemas** for dynamic content and events.

BeachHacks 7.0, Hackathon, *Long Beach, CA*   **February of 2023**

- Managed HTTP requests and responses in FastAPI endpoints, ensuring smooth client-server communication and adhering to RESTful principles for efficient resource management.
- Applied Object-Oriented Programming 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 & Python, 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). Established uniqueness constraints for attributes and seamlessly integrated embedded classes within one another. Link to YouTube Preview. (3/16/2023).

MovieLand: Conceptualized, designed, and developed a cutting-edge movie search engine (React, HTML, CSS, Javascript).

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

Honors and Certificates

- CSULB President's Honor List: Fall semester of 2022 and Spring semester of 2023.
- Attained certification upon completing the Learning C# (LinkedIn).