Abdumijit Albert Dolkun

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EDUCATION

University of California, Berkeley | Bachelor in Computer Science　　　　　　　　　*Aug. 2021 – Dec 2023*
Certificate | AWS Cloud Practitioner　　　　　　　　　*July 2023*

TECHNICAL SKILLS

Concepts: OOP, Machine Learning, Data Structure, Database, System Design, NLP, Data Mining/Analysis
Languages: Python, Java, C/C++, SQL, TypeScript, JavaScript, HTML, CSS, Stata
Frameworks / Libraries: React, Bootstrap, PyTorch, Pandas, NumPy, Matplotlib, Selenium, Bs4, Boto3
Developer Tools: Git, AWS, NPM, Node, VS Code, IntelliJ, WebFlow

EXPERIENCE

Software Engineer | Nurlinks Capital　　　　　　　　　*Nov 2022 – Present*
- Architected and implemented a responsive site leveraging cloud tech which increaesd monthly customer traffic by 30%
- Developed a newsletter recommendation system by constructing an API for seamless communication with MLS
- Engineered a search recommendation engine tailored to user preferences using the Trie data structure

Software Engineer Intern | Nomify　　　　　　　　　*Jan. 2023 – June 2023*
- Collaborated with the design and development team to redesign and rebuild the admin portal section
- Enhanced the stability of the admin portal and the blog page by optimizing scripts
- Rectified and refined the existing code base, gaining proficiency in React and Typescript

Assistant Property Manager | Nurport　　　　　　　　　*May 2019 – Nov. 2020*
- Coordinated with the construction and maintenance team, facilitating the preparation and listing of over 80 properties
- Conducted tenant interviews and fostered strong relationships with both tenants and owners

PROJECTS

PLUR | *Python, AWS, React Native, JavaScript, RestAPI*　　　　　　　　　*Feb. 2023 – Present*
- Spearheaded the end-to-end development of a mobile app for ratings and reviews, enabling users to post reviews, view ratings, and perform advanced searches for artists and music events.
- Engineered a scalable database, deployed iterative app versions using Expo and Amplify CLI, and established a REST API for user email subscriptions.

OneCart | *Python, JavaScript, HTML, CSS, Git*　　　　　　　　　*Nov. 2021 – Present*
- Built a Chrome extension enabling users to consolidate items from various platforms for a unified checkout experience
- Researching methods to bypass certain firewalls for direct website communication and checkout from OneCart.

Listing Updater | *Python, AWS, VS Code*　　　　　　　　　*Feb. 2023*
- Implemented a web scraper for real-time status checks on Craigslist bike listings, sending email updates every 4 hours with newly added listings or updates since the last scrape.
- Utilized AWS Lambda for email functionality and AWS S3 for storing the latest data as a JSON file.

Gitlet | *Java, Git, IntelliJ*　　　　　　　　　*April 2022*
- Developed a version-control system emulating basic Git features for managing file collections
- Created classes and methods to implement basic Git features for reading/writing content into local/online files
- Employed various data structures like BFS and TreeMap to optimize the program's efficiency, particularly the merge function, which potentially reads the content of each file in the history.

LEADERSHIP

Founder | Student Justice for Uyghur Justice　　　　　　　　　*June 2020 – July 2023*
- Founded the organization along with other students from Cal, UCI, and USC to spread the voice of Uyghur people
- Grew from 4 people to about 65 members from all around the world including the UK, France, Germany, etc. Now we are a sister-org of FreeUyghurNow, actively fighting for Uyghur people and those who are suffering from injustice

Vice President | International Student Club　　　　　　　　　*Sep. 2019 – June 2021*
- Worked closely with other members to organize events to create opportunities for students to share their stories and increase the diversity of the community
- Led the team to host union events for over 200 attendees with Japanese and Indonesian student clubs