

# Ailana Askar (Frontend developer)

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## EDUCATION

- **Nazarbayev University** Astana, Kazakhstan  
*Bachelor of Science - Computer Science* August 2016 - September 2020  
*Courses:* Operating Systems, Artificial Intelligence, Data Mining and Decision Support, Software Engineering, Performance and Data Structures, Algorithms, Machine Learning, Computer Networks

## RECENT EXPERIENCE

- **Levuro AG** (Remote) Zurich, Switzerland  
*Frontend Developer* June 2022 - Current
  - **TypeScript, React, Redux, Saga:** Developed new web application features for social media management tool. Executed the integration of diverse functionalities, such as a multiple files selector, media labeling, or location tagging, all aimed at enhancing user experience and elevating product value. This effort resulted in writing approximately 3.5% of the frontend code base. (Link)
  - **TypeScript, React, Storybook, Semantic-UI:** Developed and enhanced common responsive layouts within the Internal Design system library using Storybook, Typescript, and React, resulting in accelerated development velocity.
  - **Jest, Typescript:** Elevated the project's test coverage by developing and fixing end-to-end Jest tests, resulting in an increase of coverage rate by 3%
- **JLC Works Ltd** (Remote) London, United Kingdom  
*Frontend Developer* November 2021 - February 2022
  - **React, Liquid, Firebase, jQuery:** Developed and maintained React web application with a Shopify-connected admin dashboard panel for order management for one of the best circular fashion platforms in the UK with 25,000 users (Link)
- **Encircle Labs** (Remote) Santa Barbara, CA, USA  
*Frontend Developer* March 2021 - June 2021
  - **TypeScript, React, React-Native:** Built a reusable cross-platform component library with React and React-Native for both web and mobile applications to increase the speed and simplicity of web development up to 50% . (Company Website; Application Link)
- **Clean Email** (Remote) Santa Barbara, CA, USA  
*Frontend Developer* Sept 2020 - Dec 2020
  - **JS, Less, PHP, Twig:** Built a new responsive cross-browser website with AMP and SEO markup for Echo which had metrics as Cumulative Layout Shift and page load speed metrics at 97-100%. (Link)
  - **Grav CMS, LESS, jQuery, JavaScript, Twig:** Implemented a new version of the responsive cross-browser website with AMP and SEO markup for Clean Email service using GRAV CMS, which increased Cumulative Layout Shift and page load speed metrics to 97-100% rate from 50-60 %. (Link)
- **Nazarbayev University (AI Psychology Bot)** Astana, Kazakshatn  
*Undergraduate Research Assistant, Department of Computer Science* Aug 2019 - May 2020
  - **Python, OpenCV, SQLite:** Developed an artificially intelligent chatbot system as a final year project which is able to trace a human's emotional status and provide cognitive-behavioral therapy (CBT) using multi-modal emotion tracking system based on the user's facial features, speech, and language for detection of mental status with 80% accuracy.

## INTERNSHIPS/PROJECTS

- **PhDays Registration website:** Developed a registration website with form submission to REST API and using Leaflet.js for map animation for the PhDays Conference 2018 by CAICA. (Link)
- **Quiz server:** Implemented multiplexing server in C with multi-threading support as an Operating Systems final project. The server hosted group quizzes ensuring users synchronized access. Mar - Apr 2020.
- **Peer-to-Peer file sharing platform:** Implemented a Java desktop application for Computer Networks final project, which enables decentralized file sharing across university network Apr 2018

## ACADEMIC ACTIVITIES / LEADERSHIP

- **ACM Web Special Interest Group Chair and Instructor:** Created and held a course with weekly workshops and lectures to a group of 10 students about website development using HTML5, JavaScript, CSS3 and Bootstrap. Oct 2018 - Feb 2019.
- **ACM Student Chapter Member (Organizing Event Team), HackNU organizer:** Organized Senior Talks, Weekly Meetings, Student Activities throughout the academic year. Led the organization team of 15 people of Major League Hacking's Local Hack Day hosted by GitHub in Nazarbayev University. Was a part of the organizing team and designed the brand book of the international Hackathon aimed at gender equality in STEM. Managed to host 19.9% female participants (against 2.7% at the previous Hackathon) (hacknu.kz). Aug 2017 - May 2019.

## HONORS AND AWARDS

- 1st place among 212 competitors in category marketing solution for Invictus fitness company at Markethon 4.0, marketing competition (December 2020).
- 1st place among 267 competitors in the category IoT solution for Beeline company at Markethon 1.0, marketing competition (May 2018).
- Won the internship in BTS-Digital at ABC-Hackathon 2018 with a mobile app that represents the traditional Qazaq networks and family relationships (May 2018).
- Top 1% of graduating class in Art School with a Major in Painting and Minor in Sculpture with cGPA 4.9/5 (Sept 2010 - May 2014).