

# Beknar Askarov



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## Professional Skills and knowledge

### Tools, Technologies and Methods

- Front-end web development
- HTML5, CSS3, Javascript (+ES6/ES2015)
- MVC, OOP, SMACSS, BEM, Flux, functional programming
- Web components, Polymer
- React, Angular, Ember, Backbone
- Less, Sass, Stylus, Jade, postcss
- JQuery, GSAP, Interactjs, KineticJS, Threejs, D3.js
- chrome-app, node-webkit, electron
- node.js, mongo, express
- Webpack, Grunt, Gulp, Unit testing
- Adobe family products
- C/C++, Java, Lisp(have some experience)

### Soft skills

- Punctuality. Try to do things in time
- Perfectionist. Care about details
- Mentoring skills. Mentored newcomers.
- Team player.

## Work experience

- **Software engineer | 01.2016 – till now**  
**Luxoft, UBS Krakow, Poland**  
Full-time  
UI development

Writing UI for Financial tools and trading applications using **Javascript, HTML, CSS, React** framework, **Webpack** for bundling and building static assets and optimizing development process, **nodejs** for running **npm** packages and local dev-server code. Working with **Javascript Next(ES6, ES7 and beyond)**, **CSSNext(CSS level 3, 4)**, **HTML5 API(Drag and drop, Request animation frame, canvas)**, **SVG**. Implementing reusable encapsulated components, with declarative usage and one directional data flow using **React and Flux and Redux**.  
Researching new tools for optimizing development process for other developers and teams. Deciding whether a team should migrate from one technology or methodology to other.

- **Software engineer | 09.2015 – 11.2015**  
**KING JSC, Almaty Kazakhstan**  
Full-time

Developed internal tools for optimizing processes for clerks, using **Angular** and **front end developer tooling**

- **Researcher, UI/UX engineer | 08.2013 – 08.2015**  
**RobiGroup JSC, Almaty Kazakhstan**  
Full-time  
Research and Development

Developed kiosk applications for vending machines using **web development tooling** and **node-webkit**(integration of **nodejs** and **webkit** rendering engine). Worked with low level hardware interfaces using **C/C++** and build them to work in **nodejs** environment.

- **Laboratory assistant | 06.2012 – 11.2015**  
**International Informational Technologies University, Almaty Kazakhstan**  
Laboratory of Mechatronics and Intellectual Systems (MIS) in (IITU)  
Part-time  
Research and Development

Worked as **researcher** and **consultant** on **computer vision**, robotic platform **navigation algorithms**. Implemented **navigation** and **fastest path** finding algorithms for **omni wheeled** robot platform. Participated in International Robotics championships as member of a team representing Kazakhstan.

**ABU Asia Pacific Robot Contest 2014 (Pune, India)**

<http://www.roboconindia.com/>

Development of strategy and robot's navigation algorithm

## **ABU Asia Pacific Robot Contest 2013 (Danang, Vietnam)**

[aburobocon2013.vtv.gov.vn](http://aburobocon2013.vtv.gov.vn)

Development of strategy and robot's navigation algorithm

Participated in development of a military shooting simulator, training system as a **consultant**.

**Consulted developers** about technologies to use, and **taught science and math** behind that technologies.

- **Wikipedia (Kazakhstan) | 06.2011 – 07.2011**

**International Informational Technologies University, Almaty Kazakhstan**

internship

Editing and writing articles

Filled and designed content for kazakh language wikipedia.

## **Education**

- **International Informational Technologies University (IITU) (2010-2014)**

Bachelor of Computing Systems and Software Engineering

**For diploma project:** Developed an app for vending machine using **front end developer tooling** and **nw.js** (formerly known as **node-webkit**), that served basically as printing machine with **user interface** and connection to **cloud storage**. Scientific goal was to collect **user experience** on various extremes of **UI design** and find out optimal **UI designs** for specific and diverse audiences.

## **Languages**

- English(good)
- Kazakh(native)
- Russian(fluent)
- Polish(basic)
- German (basic)

## **Interested in**

- Numbers, Math, Science
- New technologies and trends
- Design, HCI

## **Hobbies**

- Trying to bring the meaning through science and programming
- Robotics
- Roller skating
- Swimming
- Travelling
- Learning languages