# EBRAHIM GHANBARI

## Full-Stack Web Developer

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in www.linkedin.com/in/ebrahim-ghanbari

## WORK EXPERIENCE

### Mentor - Part-Time
**Lighthouse Labs**

📅 Sep 2020 - Present     📍 Calgary, Alberta

- Helped students of Web Development Bootcamp with JavaScript and React questions.

### Application Specialist - Completion & Liner System
**Weatherford Canada Ltd.**

📅 Dec 2017 - Present     📍 Calgary, Alberta

- Develop "Force Analysis" software to calculate torque and drag for completion string.
- Contributed in various R&D projects including new design for Flow Control Device (FCD) and Ball Drop Frac Sleeve that resulted in improved performances and 76% and 18% manufacturing cost saving, respectively.
- Designed quality testing program for Coil Frac Sleeve and validated the results with CFD.

### Application Specialist - Artificial Lifting System
**Weatherford Canada Ltd.**

📅 Oct 2016 - Dec 2017     📍 Calgary, Alberta

- Coordinated with clients to simulate and optimize different forms of artificial lifts, specifically, gas lift, hydraulic lift and plunger lift using Welflo software.
- Organized two "Gas Lift School" for prospective and existing clients to promote Weatherford artificial lifting products.

### Application Specialist - LxData Instrumentation Group
**Weatherford Canada Ltd.s**

📅 Oct 2014 - Oct 2016     📍 Calgary, Alberta

- Deepened knowledge of HTML, PHP, JavaScrip, MySQL through Developing "Weatherford ATS Alarming System" to optimize ESP & PCP pump performance based on gathered pressure and temperature data.
- Optimized client and Weatherford database to increase efficiently and reduce cost.
- Supervised and managed the integrity of the Weatherford and client database on daily basis.

## SELECTED PROJECT EXPERIENCE

### Cnergreen
**In Progress:** Single page business website for a startup
**Environments:** Express | Node.js | React | PostgreSQL | Bootstrap | Sass

### Winged-it
Single page cooking app that helps users decide what to cooks using different APIs
**Environments:** Firebase | React | Storybook | Framer Motion | Bootstrap | Sass

### Interview Scheduler
An app that allows users to book and cancel interviews
**Environments:** Express | Node.js | React | Storybook | Jest | Cypress | PostgreSQL | Bootstrap | Sass

### Force Analysis
A software to calculate torque and drag
**Environments:** Python | tkinter

## LIFE PHILOSOPHY

*" Fortune favors the brave. "*

## EDUCATION

### Diploma, Web Development
**Lighthouse Labs**

📅 2020     📍 Calgary, Alberta

### Msc., Petroleum Engineering
**University of Alberta**

📅 2012 – 2014     📍 Edmonton, Alberta

- Awarded *Petroleum Engineering Graduate Student Scholarship*
- Published several paper with more than **500+ citations**
- Helped to generate $100k+ of funding for UoA FlowBack research group

### BSc., Petroleum Engineering
**Amirkabir University of Technology**

📅 2007 – 2011     📍 Tehran, Iran

## TECHNICAL STRENGTH

`JavaScript` `Python` `Machine learning`
`ReactJS` `Django` `Sass & Bootstrap`
`Node JS` `RESTfull API`
`NOSQL / SQL` `Docker` `Apache`
`Test Driven Development`

## SELECTED COURSES

- Complete Data Science Bootcamp, Udemy
- The Python Mega Course: Build 10 Real World Applications, Udemy
- Learn and Understand NodeJS, Udemy
- Machine Learning, Kaggle
- Python and Django Full Stack Web Developer, Udemy
- Data structures and algorithms, Udemy

## VOLUNTEERING

**Dubasov**
Assisted children and teenagers with Down Syndrome to participate in different activities

**Prairie Sky**
Helped kids with disabilities and Down Syndrome to learn horse back riding