

# ALI(ALIREZA) HAMAMI

Address: [Halifax, NS](#) | Phone: [+1 782-882-3646](#) | [alireza.hamami@gmail.com](mailto:alireza.hamami@gmail.com)

## ABOUT ME

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Innovative Junior developer with 1 year of experience in building and maintaining responsive websites. Collaborative and receptive to mentorship, I excel in JavaScript, HTML, CSS, and ReactJS. Recently graduated from NSCC in Halifax, I bring fresh perspectives and strong problem-solving skills. Known for on-time delivery and committed to contributing to a dynamic engineering team. Passionate about personal growth and software development, ready to deliver high-quality solutions.

## SOFTWARE SKILLS

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- Proficiency in: React.js, Node.js, JavaScript, HTML5, CSS, Tailwind CSS, SASS, SCSS
- Expert knowledge of: RESTful APIs, JSON data structures
- Good knowledge of: Version control systems (GitHub, GitLab)
- Experience with databases: Relational and non-relational structures (MySQL, PostgreSQL, MongoDB)
- Project Management: JIRA, MS Azure Boards
- Programming Languages: Socket IO, Electron, Typescript, Python, MATLAB, C
- System Familiarity: Linux command line, Ubuntu Operating system
- Additional Knowledge: Data Science, Machine Learning algorithms, Python libraries, PLC programming like Ladder, ST, FBD

## WORK HISTORY

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### Front-end Developer

Rootip Company | Remote

Mar 2022 - Aug 2022

- Created and maintained front-end code for an e-commerce website (redesign, updates, production work)
- Established sustainable web applications using React with documented test scenarios.
- Worked in an agile environment with daily/weekly stand-ups and kept track of user stories/bugs.
- Collaborated with 4 other team members to develop new user-facing features.
- Obtained fabulous experience in JavaScript, Html, CSS, and React and learned how to write clear, concise reusable code.

## **Computer & Control Engineer**

**Atra Oxin Karoon Company | Tehran**

**Jul 2018 - Mar 2022**

- Coordinated planning and strategy meetings with all Department Supervisors to modify and develop operating procedures, equipment, techniques, and research protocols to inspire continued innovation and success.
- Shop lead person in the company for all projects and installations regarding control systems for production equipment.
- Participated in PLC programming to design a reliable and sustainable code.
- Prepared reports for data compiling regarding existing and potential electrical engineering projects.

## **Python Developer**

**Future Wave Ultra Tech Company | Tehran**

**Nov 2017 - Jul 2018**

- Spearheaded the rewriting of logic and development of a robust platform for Real-Time Performance Monitoring at TCI company.
- Employed both relational and non-relational databases to craft intuitive dashboards, enhancing data visualization.
- Reviewed code and debugged errors to improve performance.
- Collaborated with project managers to design and implement scalable solutions.
- Designed and enhanced many Grafana dashboards for better in-person monitoring.

## **EDUCATION**

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**Nova Scotia Community College | Full stack Developer Graduate**

**Certificate**

**Sep 2023 – April 2024**

- Achieved an outstanding academic performance, graduating with a top-tier GPA of 4.0, earning the highest grade in the program. I achieved a grade of 98 out of 100, showcasing exceptional mastery of the curriculum.
- Develop fundamental programming skills for web development, encompassing HTML/CSS proficiency, modular problem-solving, and algorithm creation. Emphasize mastering the core syntax of languages, particularly JavaScript.
- Develop expertise in software testing and quality control, mastering the design and implementation of tests within modern testing frameworks, including tools like Selenium or Jest.
- Gain cross-platform application development skills, enabling the creation of desktop and mobile applications using existing web development capabilities with languages like ReactJS, React Native, Electron or Socket IO.

- Explore emerging technologies in application development, identifying opportunities for improvement and efficiency while supporting personal development in languages like Python or TypeScript.

**Petroleum University of Technology | MSc. in Computing & Control Engineering**

**Sep 2012 – Feb 2015**

- Ranked 2nd among graduate cohorts.
- Thesis: Simulation-Based Analysis, Design, and Implementation of Control Loops for an Industrial Gas Turbine in PLC-Based Control Systems.

**University of Zanjan | BSc. in Electrical Engineering**

**Sep 2007 – Jun 2011**

## **AWARDS AND HONORS**

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- Ranked in the top 0.2% of the Nationwide University Entrance Exam for the B.SC program, with nearly 480,000 participants.
- Ranked 3rd among total participants of 12,000 in the Nationwide University Entrance Exam for the MS program.