ADAM GIRARD-MCFADDEN

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Portfolio: https://tinyurl.com/udznpd7x

A highly motivated and bilingual professional entering a second career in Web Development and looking for an opportunity in the Ottawa tech market. In my last career in Mining Engineering, I specialized in underground ventilation and excelled in all my roles in a ten-year period from field technician to short/long term planning and designs, to project management and as a college professor. With a diploma from the Coding (Full-Stack Web Development) Bootcamp at Carleton University, my newly developed skills in JavaScript, CSS, the MERN Stack and an abundance of soft and hard skills polished from a decade long engineering career, I would be an asset to any company willing to give me chance.

TECHNICAL SKILLS

Frontend: HTML5, CSS, JQuery, JavaScript, Bootstrap, AJAX

Backend: MySQL, MongoDB, Express, ReactJS, Node, Handlebars, Webpack

PROJECTS

SPACE CAMP | Repo: https://tinyurl.com/2v6e78xa |Deployed: https://tinyurl.com/dkzzm58

What it does: An educational platform to learn about outer space.

- **What it accomplishes:** A website that pulls from multiple sources (open source APIs) to display information blocks such as but not limited to, photos from space, and people currently in space. It allows users to search for any topic that isn't provided on the website. Search history persists as clickable buttons.
- **My responsibility:** Project Management, all JavaScript including server-side API fetches, click event functionality and data persistence.
- **Languages:** HTML5, CSS, JavaScript
- **Tools:** Pure.css, FontAwesome, JQuery, MediaWiki, NASA Open API

Languages: CSS, JavaScript, Handlebars.

LETTUCE-PLAN-THIS-THYME | Repo: https://tinyurl.com/4uuvcmbh | Deployed: https://tinyurl.com/cfbuup8x

- **What it does:** Meal Planning Application.
- **What it accomplishes:** Once signed in, a user can search for recipes fetched from a server-side API with keywords and save these recipes to their favourites and/or to a calendar to manage their meal schedule.
- **My responsibility:** Project Management, establishing the Model/View/Controller (MVC) structure, creation and maintenance of the GitHub repository, creating the Models and their associations, and front-end design.
- **Languages:** CSS, JavaScript, Handlebars.
- **Tools:** Express.js, Express-Session, Express-Handlebars, Bootstrap, Sequelize.js, Connect-Session-Sequelize, MySQL2, dotenv, bcrypt, Nodemailer.

WORK EXERIENCE

Hurley Ventilation Technologies Inc.   Sudbury, ON

Project Manager + Technical Design/Drafting   **May 2019 to Sept 2020**

- Analyze RFPs/RFQs and formulate scopes, schedules, and budgets for main mine ventilation projects
- Lead project team to ensure project successful completion on time and on budget
- Complete quality control testing
- Commissioning of main mine ventilation systems
- Ventilation design for main and auxiliary systems
- Drafting of general arrangement and construction drawings for bidding and fabrication

Cambrian College of Applied Arts and Technology   Sudbury, ON

Professor of Mine Ventilation Planning (Part-Time)   **Sept 2019 to Dec 2019**

- Create and teach lesson plan for 3rd year Mine Ventilation Planning Course of Mining Engineering Technology program.
- Curriculum included auxiliary and main ventilation design, responsibilities of a ventilation technician/engineer, ventilation modelling with VUMA, ventilation spreadsheet creation.
- Create and grade labs, projects, quizzes, tests, and exams to evaluate student understanding and progression.

Alamos Gold Inc. (Previously Richmont-Mines Inc.)   Dubreuilville, ON

Ventilation Specialist   **Feb 2015 to May 2019**

- Produce ventilation department yearly and quarterly forecast & budget
- Mentor and train ventilation technicians
- Produce Life of Mine (LOM) ventilation plans
- Assist with Extended Life of Mine (ELOM) scoping study
- Oversee all ventilation projects and ensure their successful completion
- Produce short and mid-term ventilation designs to meet production and development goals
- Ensure the successful completion of ventilation technician's tasks
- Keep ventilation model up to date
- Ventilation inventory management

EDUCATION

2021	**Full-Stack Web Development (6 Month Bootcamp)** Carleton University	
2015 - 2016	**Mining Engineering Technology Diploma (3 Year Program)** Cambrian College of Applied Arts and Technology	
2009 - 2011	**Mining Engineering Technician Diploma (2 Year Program)** Cambrian College of Applied Arts and Technology	