

Jacob Lovins

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• **LinkedIn:** <https://bit.ly/2HFYnY3> • **GitHub:** <https://bit.ly/37I7rGE> • **Portfolio:** <https://bit.ly/37L6Dkh>

SUMMARY

React developer with creative problem solving experience, focused on full stack web development. Strengths include communication, organization, collaboration, discipline, and project management. Fascinated by the design and use of neural networks inside the browser and passionate about learning the newest and most interesting technologies in the tech field. Experience in leading teams on projects locally and in other countries. Recent team projects include facial expression recognition, 3D rendering for an interactive, virtual reality web app, and building a neural network to maintain a sterile environment in the healthcare industry.

SKILLS

- Organized and disciplined problem solver
- Experience in creating and adding complex features to applications
- Able to quickly learn and integrate new technologies
- Experience in collaborating on and leading team projects
- Debugging and refactoring code
- JavaScript, Node.js, React.js, Redux, Context API, Express.js, MySQL, MongoDB, IndexedDB, HTML, CSS, Bootstrap, jQuery, API's, JSON, REST, AJAX, ESLint, Three.js, Testing, GIT, Tensorflow.js, ML5

APPLICATIONS BUILT

POC-IT: A "Point Of Care" MERN stack application built to maintain a sterile environment when administering medical care by using hand gestures trained with machine learning techniques

- Utilizes Tensorflow.js, ML5, React.js, ESLint, Heroku, React-Webcam, Webpack, and more
- Deployed App: <https://bit.ly/3mwUPGJ> • GitHub Repo: <https://bit.ly/2VrP6pV>

HAND-IT & TRAIN-IT: An NPM package and a React app designed to work together to easily make custom hand gesture control available to any React application through means of its own neural network

- Utilizes Tensorflow.js, ML5, React.js, ESLint, React-Webcam, Webpack, and more
- HAND-IT NPM Package: <https://bit.ly/3obu0by> • GitHub Repo: <https://bit.ly/2VoUE4F>
- TRAIN-IT deployed App: <https://bit.ly/36xb4y6> • GitHub Repo: <https://bit.ly/3lufbPS>

REALITY TASKS: A virtual reality web app where users can keep track of tasks in a 3D, interactive way

- Built and rendered the environment with Three.js, made database queries with MySQL and Sequelize, kept users separate and secure with Passport, also used Node.js, Express.js, Heroku, ESLint, and Prettier
- Deployed App: <https://bit.ly/2TutWGK> • GitHub Repo: <https://bit.ly/35CupfH>

EXPERIENCE

DELTA GLOBAL SERVICES

Atlanta, Georgia

Avionics Mechanic (Shop 298)

May 2016-March 2020

- Meticulously constructed and performed precise maintenance on jet engine wire harnesses for a fleet consisting of over 800 aircraft
- Recognized by manager and other senior team members for consistency, quality, and quantity of work performed

NATIONAL VIDEO MONITORING

Locust Grove, Georgia

Technician

November 2015-May 2016

- Safeguarded businesses and residents nationwide by wiring and installing IP security cameras and DVR systems
- Diligently studied and mastered the software required for programming, monitoring, and troubleshooting cameras
- Securely handled and set up servers for many multi million dollar companies

EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY

Atlanta, Georgia

Certificate in Full Stack Web Development

- 24-week intensive program focused on gaining technical programming skills in JavaScript, Node.js, React.js, Express.js, MySQL, MongoDB, HTML, CSS, Bootstrap, jQuery, Media Queries, API's, JSON, REST, AJAX, Testing, GIT, Github, Heroku, and Handlebars Js

POINT UNIVERSITY

West Point, Georgia

Bachelor of Science in Music

GPA: 3.8

- Graduated **Magna Cum Laude**