

Michael McCosh

Mont Vernon, NH 031057

Phone: (603) 858-4958 | Email: michael.mccosh@gmail.com

LinkedIn: <https://www.linkedin.com/in/michaelmccosh/>

Portfolio: <https://michaelmccosh.com/> | Github: <https://github.com/macksm3>

Summary

Delivering above expectation is the driving motivation on projects with unique personal/customer needs, with a goal of providing the most efficient methods to accomplish any given task. Skilled at ergonomic user interface design and the logic to make it seamless. My experience as a photographer since the era of film cameras has taught me quite a lot about making images that appeal to the eye, a user interface must be the same way, it should look good, as well as being easy to navigate.

Technical Skills

Crestron Programming, UI Design, A/V system design, AutoCAD, audio DSP programming, HTML, CSS, JavaScript, jQuery, nodeJS, Networking, Troubleshooting

Soft Skills

Leadership, mentoring, customer service, written communication/documentation, email, word processing, spreadsheet.

Projects

Team Builder;

<https://github.com/macksm3/team-builder> | <https://the-team-builder.herokuapp.com/>

- Team leader and database developer for a team-building app geared towards a remote workforce.
- Project 2. defined database tables, installed packages, initialize sequelize built file structure and model and route files, and did testing.
- HTML, CSS, JavaScript, node.js, nodeExpress, sequelize, .

Build-A-Burger;

<https://github.com/macksm3/Build-A-Burger> | <https://rocky-wave-35281.herokuapp.com/>

- A Restaurant type database to display burgers available on one side and burgers eaten on the other side.
- Homework assignment, responsible for all of it.
- HTML, CSS w/bootstrap framework, JavaScript, node.js, MySQL, sequelize, express and express-handlebars, deployed on heroku.

Project-Wilder;

<https://github.com/macksm3/Project-Wilder> | <https://macksm3.github.io/Project-Wilder/>

- The project is a space theme, photo collection app that allows users to search for and save pictures from a variety of sources like NASA and SpaceX.
- initial responsibility of UI, built basic look and feel for the project. Took on some of js file work when I had the ability to make it work.
- HTML, CSS w/Materialize framework, JavaScript, jQuery, particles.js API, with NASA and SpaceX server side APIs for data processing.

Work Experience

Senior System Programmer / VTC Engineer / System designer

Image Stream Medical / Olympus | Littleton, MA

Control systems for world class medical training facilities that give users the ability to operate a vast array of A/V resources throughout a facility from a single control point. Configurable product with technology that is typically one-off custom systems.

- Strategic partner projects
- Protocol Translator

Senior Development Engineer

Smith & Nephew Endoscopy | Andover, MA

Pioneer of the "digital operating room" technologies providing a control system to adjust the settings of many of the electronic devices distributed throughout the surgical suite, from a centrally located touch panel.

- Quality system documentation
- System specifications

Senior Systems Programmer

Crimson Tech / Univisions Crimson Group | Wilmington, MA

Crestron and AMX programming, system design review. Experience with IP communication technologies, DSP configuration, and PhotoShop.

- Job cost estimating
- Programming department manager

Proprietor / Consultant / Programmer

McCosh Consulting | Manchester, NH

Crestron and AMX programming, system design consulting. User Interface ergonomics.

- Significant customer base
- Remote access via IP communication

Specialties / certifications:

Silver Certified Crestron Master Programmer