

Michael Blydenburgh

Email: mike.blydenburgh@gmail.com

Phone: (603)597-7644

Rochester, NH 03867

Github:

<https://github.com/mikebly>

LinkedIn:

www.linkedin.com/in/michael-blydenburgh-99a68872

Portfolio:

<https://mikebly.github.io>

A Chemical Engineering graduate with a passion for analyzing and solving open-ended problems. As a Full Stack Developer, skills include modern Javascript with frameworks like Angular and React, Databases such as Firebase, RestDB, consuming RESTful services, and backend programming with NodeJs and Python. Able to draw from a varied and non-traditional path with multi-disciplinary teams to provide a unique perspective. Always known for strong work ethic, fully owning one's responsibilities, and willingness to help others succeed.

Technical Skills- Responsive Layouts, Javascript (ES6, AngularJS/Angular, React, NodeJS), RESTful APIs, Databases(SQL, Firebase, MongoDB), Python, MVC principles, Git, d3 Data Visualization, Algorithm writing, Network Architecture

Projects:

Pupperbase- Deployed at <https://mikebly.github.io/pupperbase>

- Single Page Application built on AngularJS and RestDB
- User can view remote database of different dog breeds, listing general info, size, and life expectancy. Data is sortable by clicking of column headers. Entries able to be added and deleted.
- Individual effort

Munchies Metropolis – Deployed at <https://pgould94.github.io/Project1>

- Group bootcamp project focused on API calling, built using jQuery and Firebase. Responsible for driving UI design, API calling, Firebase user authentication. Mentored members on advanced topics, and was the lead committer on the project.
- Browser location services lists nearby restaurants and information such as menu items and average price for two people, location with Google Maps. Recipe search by name to let user try to make at home
- User authentication to let users add favorites.

Employment History:

Tom's of Maine (Colgate-Palmolive)

May 2018 – Present

Documentation/Compliance Specialist

Sanford, ME

Reviewed and maintained controlled documents, training records, etc. Assisted with internal and FDA audits.

Authored validations and standard operating procedures; handled CAPA and non-conformances with production.

Achievements:

- Estimated cost of compressed air leaks, proposed savings, and developed testing procedure.
- Built automated preventive maintenance scheduler for site mechanics to increase ease of use.

CHI Engineering Services

January 2016 - September 2017

Process Staff Engineer

Portsmouth, NH

Supported multiple engineering, procurement, and construction (EPC) projects from a process engineering perspective in the natural gas industry. Sized capital and process equipment to perform process hazard analysis.

Achievements:

- Designed in-house calculations for estimating vapor-liquid equilibrium using first principles that are now used in initial project design.

Crosspoint Engineering

Mar 2015 – Jan 2016

Validation Engineer

Westwood, MA

Contracted to GE Healthcare to assist with and improve the factory acceptance testing program of bioreactors and mixers through an IQ/OQ/PQ process.

Achievements:

- Developed a validation and certification protocol for biological safety cabinets based off of NSF49 that enabled company to certify cabinets and add additional revenue.

Education:

Bachelor of Science (BS) - Chemical Engineering

December 2014

University of Massachusetts Lowell

Lowell, MA

Certificate Program – Full Stack Development

March 2019 (expected)

University of New Hampshire Professional Development

Portsmouth, NH