

Ian Mitchell

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Full Stack Web Developer with an emphasis in server-side, backend development. Inquisitive, passionate learner always looking for the best way to improve. Excited to deliver most effective user experience.

Technical Skills

HTML5, Css, React, Javascript, JQuery, Node.js, Express.js Servers, Passport.js, SQL and noSQL Databases, Docker Containers, C#, .NET frameworks, RabbitMQ

Applications Built:

- Ripe-Tomatoes: <https://github.com/icmitchell/RipeTomatoes>
 - Movie recommendation engine with machine learning recommendations.
 - Node.js Express server with react front end. Python Surprise recommendation engine
 - Locked-In: <https://github.com/icmitchell/Locked-In>
 - Password Database accessible through Chrome extension
 - Node.js Express server Handlebars and html front end. Chrome extension with Expression session cookie for user login persistence. Bcrypt and passport.js authentication
 - Traffic-Cameras: <https://github.com/icmitchell/Traffic-Cameras>
 - Map of all red light and traffic cameras in Chicago tracking along a google maps route.
 - Google Maps api, Node.js Express server, static HTML front end
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Development Intern Performance Trust Capital Partners, Chicago, IL

April – June 2018

- Built C# application to track server performance.
- Developed Elasticsearch instance to aggregate and monitor server logs from existing service.
- Created visualizations of server metrics for real time performance tracking and historical data stores of expected behavior.
- Managed service as a docker swarm in Ubuntu production server.
- Collaborated with other coders through agile scrum methodology.

Field Organizer Democratic Party of Illinois, Illinois 10th Congressional District

February – November 2016

- Managed “get out the vote” team for 30,000 households resulting in a 4% victory for Congressman Brad Schneider.
- Utilized NGP VoteBuilder’s campaign and voter software to track sentiment and to model contact plans for swayable voters.
- Thrived when working with motivated team to deliver strong results.
- Managed and trained network of volunteers and interns to garner support on key issues.

Thru Hiker Appalachian Trail, Springer Mountain, Georgia - Harpers Ferry, West Virginia

April – August 2017

- Learned resource management when carrying food and water between available resupplies.
 - Hiked 1,200 miles, quickly improving decision making skills when combining altitude and inclement weather.
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Education

Northwestern University Coding Bootcamp (School of Professional Studies) – November 2017- May 2018

Chosen by faculty as tutor to assist struggling students.

University of Vermont (UVM) – Electrical Engineering 2014 - 2016

New Trier Township High School (NTHS) - graduated 2014