

micah fitzgerald

software engineer

contact

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260.443.2368

education

2014 **Indiana University**
B.S. Computer Science Specialization: Systems

Bloomington, IN

experience

Sep 2014- **General Motors**
Present *Software Engineer*

Austin, TX

- Led efforts to upgrade and standardize applications by utilizing GM's private cloud
- Responsible for evaluating new technologies, creating proofs of concept, and presenting results to the broader team
- Deployed major business-facing applications and integrated them with existing systems
- Developed processes to ingest application data into Hadoop
- Saved hundreds of operations man hours by automating manual processes
- Lead a small team to implement file transfer solutions for the entire Finance vertical
- Reduced impact to GM month-end reporting by resolving high-priority production incidents
- Collaborated on high-visibility data integration projects within a large team

Aug 2013- **Indiana University**
Aug 2014 *TCC Tech Consultant*

Bloomington, IN

- Provided direct technical support to students and faculty
- Sharpened troubleshooting skills on a wide variety of hardware and software
- Awarded Consultant of the Month within 2 months of employment

programming languages/tools

Proficient

Python
Node.js
CSS/HTML
Javascript/JQuery

Knowledgeable

Java
C
C#
L^AT_EX

Exposure

Ruby
Scheme

Git(Hub)
Apache NiFi
Mulesoft ESB
MongoDB

Docker
Elastic Stack
PostgresQL
Hadoop/Hive

Oracle
IBM Datastage

projects

burnban **Python, Docker, PostgresQL**
Simple API for querying Texas AM burn ban information by county

github.com/mcfitz2/burnban

node-strava **node.js**
Wrapper library for the Strava V3 API

github.com/mcfitz2/node-strava

ride-sync **node.js, Express, Postgres, Passport**
Automatically collects bike rides from Moves and posts them to Strava

github.com/mcfitz2/ride-sync