Nathan Lincoln

B.S. COMPUTER SCIENCE

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Experience

IntelliFarms   *Archie, MO*
FULL-STACK SOFTWARE ENGINEER   *May 2016 - Present*
- Work on front-end platform for farmers to interact with the IntelliFarms Platform
- Work closely with all stakeholders to create entirely new products such as the SureTrack Timeline
- Played a key role in implementing an algorithm to calculate the inventory of a grain bin, leading to over $800,000 in sales
- Managed two interns for a summer, assigning tasks and reviewing code
- Attended Integrity Sales training to gain insight into how salesmen interface with customers
- Served as one of two recruiters as a co-op to help recruit at the MST career fair
- Attended trip to satellite office to provide training for new employees.
- Re-worked field management system to be more user-friendly
- Championed test driven development to improve web development work flow
- Develop 500+ tests to identify weaknesses and issues in our code base

Education

Missouri University of Science and Technology   *3.4 GPA*
B.S. in Computer Science   *August 2015 - May 2019*

Side Projects

fair-tracker   *React + GraphQL + Postgres*
- Webapp with a list of all the companies at the career fair interesting in CS majors
- Includes a rating system and comments

project-clone   *Python*
- Clones down all GitLab projects a user can see into the users workspace directory
- Useful for bootstrapping a users projects in an org that has numerous small libs
- Respects subgroups

git-explorer   *Python + ncurses*
- Lists a users projects in gitlab in a tree view
- Intended to be used for issue triage

py-sql   *Python*
- Simple in-memory relational database engine
- Supports joins, where clauses, column types (w/ validation) and default values

Programming Skills

JavaScript	Experience with modern ES7+ features and TypeScript
Ember.JS	Work with daily for frontend codebase. Team Expert
Node.JS	Created and deployed microservices
Git	Extremely comfortable. Experience with GitLab and GitLab CI
PHP	Backend microservices using PhalconPHP
MySQL	Experience with highly relational data, joins, and complex queries
Docker	Use to deploy microservices and to build tooling for dev and CI
C++	Good understanding of "Modern" C++ technologies, GoogleTest
Rust	Working on a few experimental side-projects. Extremely interested.
Bash	Worked on a dynamic tool that linked together interdependant microservices with docker-compose