

# Matt Buland

## Contact Information

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## Open Source

<https://github.com/gik0geck0>

### Salesforce: June 2015 - current

#### LMTS, Introspection and Quality

Dec 2020 - current

- GA feature guidelines - A friendly assessment of feature readiness to GA with high quality
- Feature transfer process (delegated) - Packaging up all the necessary knowledge and code for a feature so that another group can maintain it
- Post-mortem process (delegated) - A methodology to reflect on a situation to identify processes for improvement and reinforcement in a blameless fashion
- Process and software development lifecycle inventory - A detailed look at the responsibilities asked of developers, encouraging process reflection

#### Teacher, Programming Challenges 290 - Colorado School of Mines

Spring 2022

- Lay out course structure and topics with rotating instructors
- Instruct on engineering topics like testing, refactoring, recursion, and graphs

#### LMTS, Foyer AWS Infrastructure

Spring 2021 - Spring 2022

- Set up Jenkins CI and Spinnaker CD for java microservice
- Deploy Terraform for PostgreSQL and migrate to AuroraDB
- Configure kubernetes specs for local development

#### LMTS, Lightning Web Runtime Navigation

Fall 2019 - Dec 2020

- Extract core routing framework into a portable routing solution
- Maintain intercompatibility between platforms
- Support offline page loading on mobile

#### Project Manager, Capstone Projects at Colorado School of Mines

- Design open-source projects for students to work on as a group (Field Session)
- Lead scrum and keep developers on-task
- DominionStats - An LWC webapp to manage game results with interesting statistics
- UTAM Generator - A static analyzer script that produces instrumented objects for E2E automation
- Agile Accelerator Graph View - A d3.js graph view of related work items
- Remote programming test manager
- Story A/C composer

#### SMTS, Page Loading Optimization

Fall 2018 - Spring 2020

- Statically analyze page data needs

- Framework for organizing data loading procedure
- Implement data request bundling
- Patent Application A4968US2\_SFDC061A

**MTS/SMTS, Lightning Navigation** July 2016 - Fall 2019

- Redesign and implement navigation APIs (lightning:navigation)
- Stitch together new and old routing worlds
- Enable Lightning Console
- Query parameters in Lightning

**AMTS, Lightning Setup** June 2015 - July 2016

- Contribute to Lightning Setup tree
- Contribute to Setup Assistant, an iframed helper UI hosted in a microservice

## Education

**M.S.** Colorado School of Mines May 2015

**B.S.** Colorado School of Mines May 2014

## Technical Skills

<u>Languages:</u>	Javascript, TypeScript, Java, Python, HTML, CSS
<u>Frameworks:</u>	LWC, ExpressJS, SpringBoot
<u>Infrastructure:</u>	Kubernetes, docker, helm, terraform, spinnaker
<u>Miscellaneous:</u>	Bash, PostgreSQL, L <sup>A</sup> T <sub>E</sub> X, C++, Haskell, Ruby, Java
<u>Platforms:</u>	Ubuntu, Arch Linux, OS X