

Jim McStanton

Cloud Engineer

PERSONAL DATA

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SKILLS

- **Languages:** Java, Scala, Ruby, Python, Rust, Elixir, Haskell, Typescript, VHDL
- **Technologies:** Cloud, PaaS (Cloud Foundry), CaaS (Kubernetes, OpenShift), Big Data (Hadoop Ecosystem)

WORK EXPERIENCE

DECEMBER 2018 - PRESENT | Software Engineer 2 at GARMIN INTERNATIONAL
Designing, developing, and supporting cloud platform infrastructure that powers core client-facing products. Responsibilities range from tight knit DevSecOps to working with other software engineering teams to offer support and best practices for whatever tech stack they are using.

JUNE 2016 - NOVEMBER 2018 | Associate Senior Software Engineer at CERNER CORPORATION
Designed, developed, and supported MapReduce pipelines and REST services for the Population Health platform. Responsibilities included designing and implementing services to ingest and transform data from clients/services, maintaining and updating internal big data infrastructure and tooling, and mentoring new hires.

THE UNIVERSITY OF KANSAS
Various Roles

FALL 2014 - MAY 2016 | *Undergraduate Research Assistant*
Assisted Dr. Andy Gill with various projects. Tasks included developing examples for various research projects and assisting with papers. Upcoming projects include reviving the Kansas Lava project to design digital hardware with Haskell.

MAY 2013-APRIL 2015 | *Web Developer and IT Support*
Managed existing School of Engineering website and server using Python and Django and supported students, faculty and labs with a multitude of hardware and software related support issues.

SUMMER 2014, 2015 | Summer Software Engineering Intern at CERNER CORPORATION
Spent two consecutive summers working with several software engineering teams. Tasks varied from javascript front-end development, back-end database scripting, and refactoring a Scala code base using modern functional idioms.

OPEN SOURCE PACKAGES

[rudder](#) Concourse CI DSL in Ruby to easily abstract and share common resources.
[hakyll-typescript](#) Library to add TypeScript compilation support to [Hakyll](#)
[hakyll-process](#) Library to support shelling-out to arbitrary processes for [Hakyll](#)

EDUCATION

MAY 2016 | Bachelors of Science in ENGINEERING, **The University of Kansas**, Lawrence
Major: Computer Engineering
GPA: 3.6