

Jim McSTANTON

PERSONAL DATA

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SKILLS

- **Languages:** Java, Ruby, Python, Scala, Haskell, C++, VHDL
- **Technologies:** Cloud Foundry, Hadoop (MapReduce, Crunch, Storm, Hive, HBase), REST, Chef, Docker, MySQL

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 DevOps 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 <i>Various Roles</i>
FALL 2014 - MAY 2016	<i>Undergraduate Research Assistant</i> 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	<i>Web Developer and IT Support</i> 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.
AUGUST 2012-MAY 2013	IT Workstudy at JOHNSON COUNTY COMMUNITY COLLEGE Aided IT staff with simple tasks ranging from desktop and thin client setup and configuration to printer maintenance and support.

EDUCATION

MAY 2016 Bachelors of Science in ENGINEERING, **The University of Kansas**, Lawrence
Major: Computer Engineering
GPA: 3.5