

# Kevin Brandstatter

**Cellular:** 1-847-414-8060

**Email:** kevin@kbrandstatter.com

**Github:** <https://github.com/kev40293>

## Work Experience

**DataSys Lab (Ioan Raicu)**, Illinois Institute of Technology, 06/2011-5/2015

Researching and developing scalable technologies for large scale systems in HPC and vastly distributed environments such as Cloud and Mobile

**Max Planck Institute of Cellular Biology and Genetics**, (Rise Program, Summer 2013)

Designed and developed checkpoint-restart functionality for the Parallel Particle Mesh Library. Written in Fortran and Perl utilizing HDF5

**Accenture Technology Labs** 05/2012-08/2012, 12/10/12-1/1/13 (internship)

Automated provisioning and configuration of virtualized platform using Chef and Vsphere

**Epic**, 05/2014-08/2014, 06/2015-03/2017

Researching and developing new approaches to patient record matching as an intern. Full time software developer working in the referrals and authorizations project to improve the software used to secure authorizations for medical procedures in an integrated electronic medical records system.

**Ocient**, 05/2017-05/2018

Working as a platform engineer to design and implement the infrastructure needed to deploy, configure, monitor, administer, and utilize a highly scalable distributed database, including security considerations and release engineering and packaging.

**Computer Projects of Illinois** 05/2018-present

Performance optimization and maintenance for highly critical law enforcement message switch infrastructure. Developing new functionality for new messaging capabilities and providing customized solutions. Designing and implementing improved development procedures to improve quality and efficiency of project completion.

## Education

**Illinois Institute of Technology** (Fall 2011 - 2015)

2015 - Bachelor of Science in Computer Science

2015 - Masters of Computer Science

**Languages:** C, C++, Java, Bash, Python, VB6, Haskell, Perl, JavaScript, FORTRAN, PHP

**Tools:** Linux (including Redhat, Debian, Ubuntu), Git, SVN, FreeBSD, AWS, Chef, MySQL, postgresQL, SVN, Jenkins, DEB/RPM packaging, gnu autotools, Makefiles

**Additional Experience and knowledge:**

Linux administration, networking, information security, Agile development, Continuous integration, Test driven development