

# Josh Heinrichs

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## Education

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### University of Saskatchewan

Saskatoon

*B.Sc. Honours Software Engineering*

*Sept. 2012 – April 2016*

Graduated with high honours. Gravitated towards algorithms, programming languages, concurrent programming, and networking.

## Work Experience

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### Solido Design Automation

Saskatoon

*Software Engineer*

*May 2016 – Present*

Currently working in a variety of areas with a focus on the automated testing infrastructure, building integration tests and managing Jenkins in a complex and computationally intensive environment.

### University of Saskatchewan Algorithm Research

Saskatoon

*Undergraduate Researcher*

*May 2015 – Aug. 2015*

Developed a Java application which allowed users to interact with and analyze Delaunay triangulations, and investigated into properties of certain restricted Delaunay triangulations.

### University of Saskatchewan Software Research Lab

Saskatoon

*Undergraduate Researcher*

*May 2014 – Aug. 2014*

Worked alongside another student to improve the quality of a large, mostly undocumented, probabilistic health model. Added features including complete documentation, version control, continuous integration, and unit and integration testing

## Skills

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**Languages:** Java, Go, Python, C#, C++, C, SQL, JavaScript, HTML, CSS, PHP, Bash, Scala, SML, Racket

**Tools/Platforms:** Git, Jenkins, Travis CI, PostgreSQL, SQLite, Redis, Amazon EC2, Maven, Gradle, Amazon EC2

**Frameworks:** Polymer, Android, Akka

## Awards

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**Department of Computer Science USRA:**

*Summer 2015*

**Department of Computer Science USRA:**

*Summer 2014*

**University of Saskatchewan Novice Programming Contest Champion:**

*Fall 2013*

**CYBF You Innovate Provincial Champion:**

*November 2011*

## References

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References redacted for web version.