

Josh Heinrichs

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Education

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

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

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

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

Frameworks: Polymer, Android, Akka

Awards

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

References redacted for web version.