Patrick Berard

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Objective	I want to construct software with individuals from various backgrounds at a company that puts the customer first.
Skillset	Ruby, Sinatra, React, Postgres, SQL, Java, Struts, Oracle, .Net, PL/SQL

Work History

Software Engineer

Trunk Club   2016 – Present
- So much stuff. Full-stack development with a focus on backend ruby.

Application Analyst

Northern Trust   2014 – 2016
- Full-stack Java team lead (3 developers & 2 testers) developing a suite of 3 anti-money-laundering applications using Struts, Spring, J-Unit, and JSTL on Weblogic.
- .Net desktop app developer using WPF, lambda functions, synchronized database transactions, and excel file upload.
- Developed event driven dynamic reporting application using PL/SQL
- Created technical design, disaster recovery, and process flow documents
- On boarded several new developers and testers
- Secure Software Development Champion

IT Intern
FIS   2013 – 2014
- Full stack development on internal monitoring website using Java (struts)
- Implemented web security fixes to prevent XSS, File Upload Attacks, SQL Injection, and LDAP injection.

Computer Science Tutor/Fellow
Carthage College   2012 – 2014
- Helped provide a learning based approach to students seeking tutoring.

Education	**Bachelor of Arts in Computer Science, Magna Cum Laude, All College Honors**
	May 2014 Carthage College, Kenosha, WI Honors Program
	GPA: 3.8 Major: Computer Science Minor: Mathematics

Relevant Coursework:

Object Oriented Programming	Agile Web Development	Software Development
Data Structures and Algorithms	Operating Systems	Data Communications (Network)
Computing Paradigms	Database Design and Management	Computer Organization
Algorithms	Senior Thesis (Android Application)	Remote Sensing

Projects

https://github.com/pberard
- JamSession (2014) – Senior thesis, Android app/Ruby (Sinatra) server
- Whats-4-Lunch (2016) – Ruby (Sinatra) web app for picking lunch spot.

Carthage College – Storyteller Software Research Project, Fall 2013
- Worked closely with a small team on version control system research project.
- Improved and expanded version control system's backend database using Java.

Fidelity Information Services (FIS) – Summer 2013 Internship
- Maintained and improved an internal website used for the development cycle and internal notifications. Website deals with different authentication levels, contacting other websites, and has been fortified against security vulnerabilities. Utilized JSPs on an in house framework. Managed a MySql database.

Carthage College – Google App Engine DataStore Project, Fall 2012
- Utilized the Google App Engine's DataStore to create a non-relational database to store inventory for a fictional media retailer. Stored information on different types of media among different locations. Utilized Java Servlets for accompanying website.

Carthage College – Software Development Class, Spring 2013
- Worked with a team of classmates to create the Social Disaster App using Ruby on Rails. It stored a database of supplies and information for people to help them survive a disaster.

Activities

The Exceptions Band   We play charity events throughout the greater Chicago area as a rock band and as a jazz ensemble

Favorite Son Named Pat   –My parents, Only child

D&D   Let dice tell you that you can both slay a dragon but fail to safely walk down a flight of stairs