

[Kurt Bartholomew]

Madison, WI
608-314-7421
github.com/kurtbartholomew

kurt.bartholomew@gmail.com
[linkedin.com/in/kurtbartholomew](https://www.linkedin.com/in/kurtbartholomew)
blog.kurtbartholomew.com

PROFESSIONAL EXPERIENCE

Flite (Acquired by Snap Inc.), Software Engineer San Francisco, CA **2015-2017**

- Engineered distributed video analysis service using computer vision to track faces or objects in uploaded 1080p video using a Javascript (React) UI and Java / C++ backend
- Authored analytics / visualization studios for 100+ million events (React / Spring / Node)
- Reduced metrics reports wait from 24 hours to ~10 seconds with real-time report builder using Java (Elasticsearch, Spring) and Javascript (Backbone)
- Improved accuracy on existing platform usage metrics by 35% and increased usage metrics tracked by 30% using Javascript, Java, Google Analytics, Intercom, and Hotjar

Wisconsin State Lab of Hygiene, Software Engineer Madison, WI **2013-2014**

- Stored over 500,000 sensitive records by creating distributed backup system with Java
- Built a payments solution with Javascript, PHP and Oracle DB used by partners
- Authored data visualizations and quarterly reports for state hospitals from health-care data store of over 700,000 records with Crystal Reports/SQL
- Architected internal dashboard visualizing specialized cancer and genetics lab data for lab technicians with Groovy, Grails and Javascript

Level Up Games, Software Engineer Whitewater, WI **2009-2010**

- Developed CMS web application for inventory management, promotions and reviews with Javascript, PHP and MySQL
- Created automated system of backups and consistency checks for financial data with Bash and Powershell

Kohl's, Software Engineer Intern Menomonee Falls, WI **2009-2009**

- Refactored Java application governing over 30,000 store scanners nationwide
- Wrote Maven and Ant scripts to deploy application in staging and production

TECHNICAL SKILLS

Strong: Javascript, Java, React, Backbone, Node, Spring, SQL, HTML5, CSS3, Sass

Experienced: Angular, Grails, Elasticsearch, PHP, Ruby, Python, C++, AWS

EDUCATION

UW Whitewater - BBA - Management Computer Systems

Whitewater, WI **2009**

Practitioner of Aikido and American Boxing. Avid game developer who lived in Japan for 2 years (2011-2013). Lover of sleight of hand and illusion. Enjoys playing piano and performing theatrically. Makes awesome carrot cake.