

# Brittany Kos

BritKos@gmail.com  
BrittanyKos.com  
720-270-5003

## Technical Skills

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Java – design patterns, object-oriented programming, some android development  
PHP, SQL – various web applications supported by databases, MVC, Kohana  
HTML, CSS, Javascript, jQuery - web design, UI, layout  
C++ – object-oriented programming, design patterns, computer architecture  
Python - 3.1/2.6  
Adobe Suite – Dreamweaver, Photoshop, Fireworks, Flash

## Education

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08/2012 – 05/2013 **M.S. Computer Science**  
08/2008 – 05/2012 **B.S. Computer Science**  
University of Colorado at Boulder – 3.2 GPA  
Emphasis in Human Centered Computing  
Minor in Technology, Arts and Media

## Employment History

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10/2012 – Present Arts and Science IT: Web Application Developer  
09/2010 – 01/2011 JILA: Student Web Developer

## Projects

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Website Forum Senior Independent Project: Built Kohana-backed PHP forum website for game development group.  
XBOX Game Senior Group Project: Building XBOX game with team of 12. Responsible for GUI and menu system; helped with, enemy generation, object collection, and implementing an object-orientated structure.  
21<sup>st</sup> C. Photo Booth Junior CHI 11 Project: Built a “21<sup>st</sup> Century Photo Booth.” This was a video booth that recorded people sharing about a topic, so we could share similarities, differences, and culture between people. Completed iterative development design cycle with lo-hi prototyping and user testing.  
Hotspots Junior Digital Media Project: Built prototype of “Hotspots.com” with a group, a PHP/SQL webpage where users could create accounts, build roadtrips by visiting hotspots, and administrators could add and edit hotspots.  
Magic Mailbox Freshmen Team Project: Built a “Magic Mailbox” that acquired pictures from a webcam, attached image to emails, and interfaced with STPM server to send emails. Performed iterative design, user testing, and build high and low fidelity prototypes.

## Leadership

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Hotspots Delegated tasks to group members, responsible for backend programming and standardizing GUI  
Magic Mailbox Designed GUI, primary software developer for project

## Honors and Awards

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Engineering Dean’s List 2011  
Best Design for 21<sup>st</sup> Century Photo Booth  
Best Website for Hotspots  
Best Freshmen Project for Magic Mailbox  
Runner Up for User’s Choice Award for Magic Mailbox