Luke Korth
Mobile and Web Application Engineer

TL;DR

I'm a passionate developer with a love for Android and all things Web. I have a keen eye for performance and security, enjoy creating new things that have never been done before and pushing the limits of what is possible. To see some of the work I'm most proud of, check out my Android apps at lukekorth.com/apps.

Work Experience

Braintree Payment Solutions
7/2013 - present

https://www.braintreepayments.com/

- Worked on backend integrations with third parties and payment processors
- Supported a public API and client libraries across many languages
- Learned pair programming and TDD

The Center for Health Enhancement Systems Studies
6/2012 - 7/2013

research center, http://chess.wisc.edu

- Developed Android applications and RESTful APIs for grant funded research
- Worked with the development team to implement use of Git and issue tracking
- Increased the use of an open-source software stack to increase the sustainability of projects

J&P Cycles
11/2011 - 12/2011

e-commerce, http://jpcycles.com

- Worked as an intern in a .NET Developer position in C#, an MVC framework and jQuery
- Developed a new checkout process to simplify the website
- Increased ease of use and conversion rate
- Worked extensively on user testing of the finished product
- Learned Git from the creator of posh-git

Dartmouth College
7/2011 - 8/2011

information security

- Worked for Peter Kiewit Computing Services
- Developed a program to analyze VPN event logs and generate alerts of suspicious activity

Contact Information

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- lukekorth.com
- github.com/lkorth
- linkedin.com/in/lukekorth
- View online at lukekorth.com/resume

Education

Bachelor of Arts in Computer Science
Cornell College
2008-2012
3.76 GPA
Magna Cum Laude

Skills

Java	Windows
Ruby	Linux Servers
Rails	Android
[OO]PHP	Git
[My]SQL	Scaling
Javascript/jQuery	Caching
HTML	APIs (Facebook, Google)
CSS	

Awards

Cornell College Dean's List

Cornell College Academic Trustee Scholarship Recipient

Cornell College Grant Recipient

VF Scholarship Recipient

Iowa College Foundation Principal Financial Group Information Technology Scholarship Recipient

ACM ICPC Honorable Mention

Cornell College Senor Computer Science Student Achievement Award

based on geo-location techniques

- Analyzed network printers for security flaws

- Worked on intrusion detection and prevention

- Presented at Securing the eCampus 2011

- Demonstrated an attack that had been made against Dartmouth using a flaw in PhpMyAdmin

SISMAT
6/2011 - 7/2011

computer security, http://www.ists.dartmouth.edu/events/sismat

- Worked together with other students under the oversight of a professor to gain valuable knowledge and experience in computer security

- Studied network security, intrusion detection, low level programming and web application security

- Participated in attack and defend hacking scenarios

Freelance

Android Applications
10/2011 - present

http://lukekorth.com/apps

- 4 Android apps in Google Play

- 350+ reviews with 4.3+ average star rating, 120,000+ downloads

- Developed high quality apps that use Facebook APIs, Google Cloud Messaging and Pebble SDK

- Presented at Iowa Code Camp 2011 on C2DM

JanSport
12/2012 - 6/2013

sales app, http://jansport.com/

- Designed and developed an iOS and Android application for sales reps

- Worked with manager to define specifications and set goals for final product