

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 (acquired by PayPal 12/2013) 7/2013 - present

<https://www.braintreepayments.com/>

- o Developed a new Android SDK from the ground up
- o Supported a public API and client libraries across many languages
- o Worked on backend integrations with third parties and payment processors
- o Learned pair programming and TDD

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

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

- o Developed Android applications and RESTful APIs for grant funded research
- o Worked with the development team to implement use of Git and issue tracking
- o 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>

- o Worked as an intern in a .NET Developer position in C#, an MVC framework and jQuery
- o Developed a new checkout process to simplify the website
- o Increased ease of use and conversion rate
- o Worked extensively on user testing of the finished product
- o Learned Git from the creator of [push-git](https://github.com)

Dartmouth College 7/2011 - 8/2011

information security

- o Worked for Peter Kiewit Computing Services

Contact Information

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✉ luke+resume@lukekorth.com

🔗 lukekorth.com

🔄 github.com/lukekorth

🌐 [linkedin.com/in/lukekorth](https://www.linkedin.com/in/lukekorth)

📄 [View online at lukekorth.com/resume](http://lukekorth.com/resume)

Education

Bachelor of Arts in Computer Science

Cornell College

2008-2012

3.76 GPA

Magna Cum Laude

Skills

Java	Testing
Ruby	Automation
PHP	Puppet
[My]SQL	Git
Unix	Scaling
Linux Servers	APIs
Android	

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 Senior Computer Science Student Achievement Award

- o Developed a program to analyze VPN event logs and generate alerts of suspicious activity based on geo-location techniques
- o Analyzed network printers for security flaws
- o Worked on intrusion detection and prevention
- o Presented at Securing the eCampus 2011
- o 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/sisimat>

- o Worked together with other students under the oversight of a professor to gain valuable knowledge and experience in computer security
- o Studied network security, intrusion detection, low level programming and web application security
- o Participated in attack and defend hacking scenarios

Freelance

Android Applications

10/2011 - present

<http://lukekorth.com/apps>

- o 3 Android apps in Google Play
- o 1400+ reviews with 4.3+ average star rating, 150,000+ downloads
- o Presented at Iowa Code Camp 2011 on C2DM

JanSport

12/2012 - 6/2013

sales app, <http://jansport.com/>

- o Designed and developed an iOS and Android application for sales reps
- o Worked with manager to define specifications and set goals for final product

Activities

Association of Computing Machinery Member

Cornell College Computing Club Co-Founder and Webmaster

Cornell College Mortar Board Torch Chapter Member

Cornell College Student Symposium Presenter

Securing the eCampus Presenter

Iowa Code Camp Presenter

MidwestPHP Attendee

GoGaRuCo Attendee

Velocity Santa Clara Attendee