ALEC HARMON BLUMENFELD

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EDUCATION

McGill University *May 2017*
Majors: in Software Engineering and History
Capital One Coding Challenge 1st Place winner out of 31 applicants. Created a Python application to query and manage the data produced by a real-time sports API.

EXPERIENCE

Trunk Club Summer 2016
Software Engineer *Chicago, IL*

· Improved the coverage of product color meta-data by 33% through reverse engineering an external API.
· Re-implemented how images are stored for products by migrating to a relational database as well as creating a new flow for how new images and meta-data are ingested.
· Maintained an internal A/B testing framework that facilitated statistical significant results and was used to test on-boarding strategies for customers.
· Restructured how product data is exposed and navigated in the sales UI and UX. This increased efficiency (as a measure of time) by 10% for sales teams, warehouse staff, and customers.

Stack Harbor 2015
Software Developer *Montreal, Quebec, Canada*

· Worked with a team of 5 (2 developers and 2 marketers) to successfully deploy an interactive platform that hosted a community of 100+ Canadian developers, enabling professionals to ask questions about StackHarbor's server management and capabilities as well as to deploy websites and databases.
· Built system monitoring tools for maintaining and tracking the status and performance of off-site cloud servers.
· Maintained the core Laravel (PHP) App.

Webtype 2014
Software Developer *Vineyard Haven, MA*

· Selected to interface with top executives to produce and conduct due diligence and critical analysis for customer acquisition strategies.
· Created and implemented UX design for a web app that uses local food listings to provide a directory service to demonstrate their typefaces. The application has supported 1,000+ unique users.

University Of Pennsylvania, Wharton School
Small Business Development Center 2013
Business Consultant *Philadelphia, PA*

· Provided the administration of the University of Pennsylvania with cost analysis and feasibility studies for online education. I helped implement and write an University Of Pennsylvania course distribution plan through Coursera.com and Edx.com.
· Selected to managed a team of 3 that created financial data and deployment models for international production, distribution, and marketing of a small manufacturing firm.

TECHNICAL ABILITIES AND DESIGN

Computer Languages	Java, JavaScript, Python, PHP, Swift, F#, and C/C++
Technologies	Laravel, Apache Spark for machine learning, Flask, and JS/AngularJS
Personal	Willing to relocate, loves playing guitar and cooking.
Other	Mobile Chicken Processor and Bluegrass Performer.