

# ALEC HARMON BLUMENFELD

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## EDUCATION

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### 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

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### Food On Your Mind

2015 - Present

Software Engineer

Philadelphia, PA

- Pioneered from conception to completion a functional IOS application that integrate machine learning technology to make individual recipe recommendations for smart phone users.
- Hired by a Comcast executive to develop and design an iPhone Application that enables consumers to connect with local food markets and fulfill their recipe and produce needs online.

### 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.

### McGill University's Faculty of Law

Summer 2015

Data Researcher

Montreal, Quebec, Canada

- Generated statistical data regarding the faculty's publications, specifically built a SQL database and Python tools to track how the Faculty's publications were cited and distributed.
- This data was used to understand the faculty's significance and influence by analyzing how the school's publications were being used in the international legal communities.
- My services are requested for ongoing yearly updates and for expansions to the software.

### 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

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### 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 relocated, loves playing guitar and cooking.

### Other

Mobile Chicken Processor and Bluegrass Performer.