

# ChetAldrich

## contact

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<http://chetaldrich.com>

**in** chetaldrich  
 chetaldrich

## technical skills

### Programming/Markup Languages

*Proficient:*  
HTML5 & CSS3  
Python, Java, C

*Familiar:*  
JavaScript, Ruby  
Racket  
L<sup>A</sup>T<sub>E</sub>X

### Frameworks/Libraries:

*Proficient:*  
Bootstrap  
jQuery

*Familiar:*  
Hadoop/Hive

### Tools/Software:

*Proficient:*  
Git  
Photoshop

*Familiar:*  
PostgreSQL

## natural languages

Russian

## education

2012–2016 **Bachelor of Arts** in Computer Science

Carleton College

Spring 2014 **Russian Language and Culture**

Moscow State University

Studied Russian language, history, and culture in Moscow and near Lake Baikal.

## experience

2015

### Pandora

San Francisco, California

*Software Engineering Intern*

- Currently working with the MIP (Music Industry Pillar) engineering team on a recommendation engine which builds sets for artists with data analytics performed on a Hadoop cluster.

2015

### Carleton College Computer Science

Northfield, Minnesota

*Grader and Prefect*

- Reviewed and graded Python code for two sections of Intro to CS.
- Will become a prefect for Intro to CS starting Fall 2015.

2014

### Frog Design

San Francisco, California

*Design Technologist Intern*

- Worked with an agile development team in the process of creating interaction models and front-end development for a major client.

2006–2012

### Marketplace Magazine

Pella, Iowa

*Print and Web Designer*

- Developed the first online edition of the magazine.
- Designed client automobile magazine pages every two weeks.

## projects

2015

### Wine

<http://winehq.org>

A bug fix in Wine's Windows 32 bit implementation of scroll bars, winning the Codeweavers Wine Challenge prize at CarlHacks, hosted by Carleton College.

2015

### EAAI Parametrized Poker Squares

<https://github.com/chetaldrich/pokersquares>

Implemented a genetic programming technique for stochastic games as part of research into creating intelligent players for Poker Squares.

2014

### SenseSF

A web application using D3.js designed to provide data visualizations for sensor data in the Frog San Francisco office.

2014

### MLOCR

<https://github.com/chetaldrich/MLOCR>

An implementation of a few supervised machine learning algorithms to perform optical character recognition on MNIST, a dataset of handwritten numbers.

2014

### Ask Target

<https://github.com/chetaldrich/targethelp>

A web application that routes text messages from consumers to staff in a store, a quick and easy way to get help. A top 20 entry at UHack, hosted by UMN.