

# NATHANIEL DEMPkowski

154 Calumet Street, #3  
Boston, MA 02120

Available January – June 2016  
<http://natdempk.io>

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## EDUCATION

**Northeastern University**, Boston, MA 2012 – Present  
College of Computer and Information Science  
Candidate for a Bachelor of Science in Computer Science, 2017  
**GPA: 3.5/4.0 Awards:** University Scholars Scholarship (top 1% of applicants), Honors Program, Gordon Scholar (excellence in academics/research)

## COMPUTER KNOWLEDGE

**Languages** Python, JavaScript, Go, Java, C, HTML, CSS, CoffeeScript, MongoDB, SQL, C++  
**Frameworks** Django, Flask, Meteor, Angular, jQuery, Bootstrap  
**APIs** Stripe, Twitter, YouTube, MailChimp, EchoNest, Last.fm, Parse, Spotify  
**Software** Vim, Git, Perforce, GDB, Eclipse, Linux, OS X

## EXPERIENCE

**InsightSquared**, Cambridge, Software Engineer January – June 2015

- Founding member of experimental integrations team to pull and process data from web APIs
- Built core functionality and reports for a Django business analytics web application
- Reduced technical debt by abstracting core business logic and application functionality

**Akamai Technologies**, Cambridge, Platform Infrastructure Engineering Co-op January – June 2014

- Developed an API for representing release information and automating release deployments
- Developed extensible performance test automation and data gathering tool
- Built flexible graphing tool for graphing absolute data and data comparisons
- Created an API for modifying Akamai's proprietary core network configuration files

**Northeastern University ResNet**, Development Lead 2012 – 2015

- Developed web dashboard/backend for tracking cases in the office in Python using Django and Git
- Performed development environment maintenance and software installation
- Remediated software and hardware issues on student-owned machines
- Trained new hires in technical skills and office procedures

## PROJECTS

Highlights below. Comprehensive list of projects available on GitHub: <https://github.com/natdempk>

**The Local Reporter**, live local crowd-sourced collaborative news mobile/web application Fall 2015

- Built using Meteor with textual markdown and embedded content from Instagram and Twitter

**The Fireside**, web platform for celebrity Q&A via Twitter emphasizing real time interaction Fall 2014

- Used Flask, the Twitter API, and jQuery to create a dynamic website

**MeetUpWithMe**, Android application to help users meet up with friends in crowded areas Fall 2014

- Created Android app with a live map and shared pictures using Google APIs and a Parse backend

**Open Itinerary**, web app to create and maintain travel itineraries with recommendations and routing Fall 2014

- Developed Flask backend API on top of Parse and OpenStreetMap
- Created dynamic frontend using jQuery, Leaflet, and Angular integrating Foursquare API

## ACTIVITIES

HackMIT, YHack, Unhackathon, HackBeanpot, NU ACM, NU Hacks, NU Civic Engagement Program, Husky Startup Challenge, Research at NU ALERT Center, Justice Mapping Community Research

## INTERESTS

Electronics, entrepreneurship, snowboarding, longboarding, reading, camping and hiking