

# Scott Rogowski

## Summary

- Python backend engineer with 7 years experience
- Significant aptitude in frontend web-application development
- Currently taking a class in ML via UC Berkeley (Spark, Tensorflow, & Sklearn)
- Varied interests and projects in computer vision, C++, robotics, & art

## Education

### Columbia University

May 2011

Computer Science

- Focus:** Artificial Intelligence, Hardware Design  
**Breadth courses:** Electrical Engineering, CAD, Transportation Engineering  
**Senior projects:** Duck Hunt clone on FPGA, UDP RC car, AES implementation in Verilog  
**Activities:** Treasurer and trip leader for the hiking club (Largest student group on campus)

### Colorado College

May 2009

Economics

- Econ Electives:** Entrepreneurship, Financial Accounting, Economics of Innovation  
**Study Abroad:** Senegal, West Africa  
**Final Thesis:** Protectionism and Imperialism: 1872-1914

## Work Experience

### Backend Engineer – UtilityAPI

August 2016 – Present

- Scaled engineers on “fires” from 2 to 1 via process and architectural improvements
- Expanded our product from only electricity to also offer natural gas
- Maintained web scrapers and pdf/xml parsers to extract data from utility bills

### Backend/Webapp Engineer – Hipmunk

October 2013 – February 2016

- Implemented stateless framework for Airbnb and Hotwire providers
- Dramatically increased average load time with a smarter static-file versioning scheme
- Led efforts to delete, slim down, and “commonjsify” our javascript

### Founder - eventsunami.com

August 2012 – October 2013

- Bootstrapped a reddit-like local events and deals aggregator
- Developed AJAX-heavy single page application on a Django/Postgres stack
- Released iPhone app (objective-C)

### QA Engineer - Bank of America Merrill Lynch

July 2011 – August 2012

- Managed manual & automated QA for several applications in Credit Research
- Considerably expanded the Python interpreter for automated UI testing
- Co-built two ticket-tracking web applications for the support group including a live-chat feature

## Selected projects

[sketchify.me](#) – “Draw” photographs as colored-pencil sketches

[sparser](#) – Sparser is string parsing and regular expressions for humans (in progress)

[pentaloop](#) – Canvas-based music loop creator

[rustbay](#) – Laser-cut personalized coasters

[code2flow](#) – Visualize python and javascript source as flowcharts