

# Scott Rogowski

## Summary

- Python backend engineer with 6 years experience
- Significant aptitude in frontend web-application development
- Varied interests and projects in machine learning, computer vision, 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 – August 2017

- Scaled engineers on “fires” from 2 to 1 via process and architectural improvements
- Expanded our product from only electricity to also offer natural gas
- Worked on the redesign and implementation of the API on a 3-5 person team.

### Backend/Webapp Engineer – Hipmunk

October 2013 – February 2016

- Interfaced with multiple flight and hotel partners to integrate into our product
- Implemented stateless framework for Airbnb and Hotwire providers
- Dramatically increased average load time with a smarter static-file versioning scheme
- Led efforts to slim down our front-end

### 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

**pentaloop** – Canvas-based music loop creator

**rustbay** – Laser-cut personalized coasters

**code2flow** – Visualize python and javascript source as flowcharts