

OREN SHOHAM

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EXPERIENCE

Consultant/Full-Stack Developer, *Paloma Works PBC* *July 2017 - November 2017*

Paloma creates software for sending marketing campaigns over Facebook Messenger.

- Built an MVP of a web editor for designing conversation flows for Facebook Messenger bots using React, Redux, and Flask.
- Set up integrations with Facebook APIs to send messages to users and import Facebook pages' conversation histories.

Consultant/Lead Developer, *Montage Videos, Inc.* *September 2016 - May 2017*

Montage is a web service that allows users to create collaborative video gifts for their loved ones.

- Built a React web app and Flask API for creating, managing, and sharing collaborative video montages.
- Created an automated video post-processing system using MoviePy, Flask, Celery and AWS EC2.

Front-End Developer, *Uplevel Security* *April 2016 - June 2016*

Uplevel Security is a cybersecurity startup creating graph-based threat analysis software.

- Designed and built network data visualizations in D3.js and React.
- Set up front-end testing infrastructure and wrote suites of integration tests.

Full-Stack Developer, *DecisionDesk* *July 2014 - December 2015*

DecisionDesk was an educational technology SaaS startup that made applicant management software for higher education institutions.

- Built single-page web apps for applying to schools, reviewing applications, and managing the admissions process, using Ember.js, React, and Ruby on Rails.
- Maintained a legacy product built with Backbone.js and Django.

SKILLS

Programming Languages:

- **Proficient:** JavaScript, Python, HTML/CSS, GLSL
- **Familiar:** C, C++, Java, Ruby, Scheme, C#, Bash, L^AT_EX

Web Development: React/Redux, Flask, Django, Ruby on Rails, Ember.js, D3.js

Creative Coding: openFrameworks, Max/MSP/Jitter, Processing, P5.js, WebGL, regl.js, Tone.js

Databases: PostgreSQL, MongoDB

Devops: Ansible, Docker, AWS EC2, AWS S3, Travis CI

Hardware: Arduino, Raspberry Pi

EDUCATION

NYU Interactive Telecommunications Program *September 2017 - Present*
M.P.S.

The School for Poetic Computation *June 2016 - August 2016*

The Recurse Center *January 2016 - March 2016*

Oberlin College *September 2010 - May 2014*

B.A. in Computer Science

GPA — Overall: 3.7/ Computer Science: 3.75

AWARDS AND HONORS

Nu Rho Psi: National Honor Society in Neuroscience, Oberlin College