

Maksim Levental

<https://github.com/makslevental/>

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EDUCATION

- **University of Florida** Gainesville, FL
Master of Science in Computer Science; GPA: 3.72 *Aug. 2013 – Dec. 2015*
- **Florida State University** Tallahassee, FL
Bachelor of Science in Mathematics/Physics; GPA: 3.73 *Aug. 2007 – Dec. 2010*

EXPERIENCE

- **Preview Technology LLC** Gainesville, FL
CTO *July 2017 - June 2018*
 - **Devops:** Built/owned all of deploy on AWS (RDS, EC2, EB, Lambda).
 - **Backend:** Built/owned entire backend using Django, Docker, Postgres, Elasticsearch, Redis. Including user management, authentication, analytics, content management, and fiducial marker generation.
 - **Frontend:** Built/owned mobile app and desktop dashboard using VueJS. Mobile app included social authentication, augmented reality components, QR code recognition, profile management.
- **Databrary @ New York University Steinhardt** New York, NY
Lead developer *Jan. 2017 - July 2017*
 - **Devops:** Managed deploy to Linode and dedicated (on premises) servers.
 - **Backend:** Ported to Go while maintaining legacy Haskell codebase. Including a fine-grained access control system with resource sharing, video manipulation, content feed, etc.
 - **Frontend:** Ported to React while maintaining legacy Angular1 codebase. Including registration, authentication, upload, sharing, etc.
 - **HPC:** Maintained transcoding uploaded video files on NYU HPC.
 - **Team:** Interviewed and hired frontend developer.
- **Thinknum** New York, NY
Developer *Sep. 2016 - Jan. 2017*
 - **Backend:** Wrote and maintained scrapers for scraping "alternative data" for financial insights. Using Python and Django.
- **University of Florida** Gainesville, FL
Research Assistant *Aug. 2013 - Dec. 2015*
 - **Machine Learning:** Research on machine learning for landmine detection. Modeling soil permittivity/dielectric changes as Gaussian process. Using MATLAB.
 - **Backend:** Extended landmine detection algorithm/testing/scoring framework to use Postgres (instead of flat file store).
- **Peace Corps** Mbale, Uganda
Secondary school teacher *Mar. 2011 - Mar. 2013*
 - **Math/Physics:** Taught O level and A level math classes to rural school children. Ran study sessions for national exams.
 - **IT:** Taught IT classes to students and teachers on standard software suites (Office, Creative Suite, etc.). Worked on initiative to bring WiFi to the school campus.
 - **Girl's/Boy's camps:** Taught classes on life skills, science at girls (GLOW) and boys (BUILD) empowerment camps.

PROJECTS

- **Little Language:** Recursive descent parser for subset of Coffeescript. Written in Java.
- **Howdoesitfeltobeafiction.org:** Art project using email marketing to distribute critical theory. Uses Python and Javascript
- **Petri:** Dial-in phonebook. Uses Twilio, Flask, Postgres to provide users with a phonebook they can reach from anywhere.

PROGRAMMING SKILLS

- **Languages:** Python, Javascript, Go, Java, SQL, Rust **Technologies:** AWS, Vue, React, Django, Postgres