# OREN SHOHAM

https://github.com/oshoham

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## EDUCATION

**Oberlin College**                                                     *September 2010 - May 2014*

B.A. in Computer Science

GPA — Overall: 3.7/ Computer Science: 3.75

## TECHNICAL SKILLS

***Languages:***

- **Most Familiar:** Python, Javascript, Ruby, HTML/CSS
- **Have Used for Fun or School:** C, Java, C#, Bash, Scheme, LaTeX

***Frameworks:*** Django, Rails, Backbone, Ember

***Databases:*** PostgreSQL, MongoDB

***Tools:*** Unix, Vim, Git, Unity3D

## AWARDS AND HONORS

**Nu Rho Psi**: National Honor Society in Neuroscience, Oberlin College        *Spring 2013 - Present*

## EXPERIENCE

**Software Developer**, *DecisionDesk*                                   *July 2014 - Present*

- Educational technology SaaS startup creating applicant management software for higher education institutions.
- Full-stack responsibilities using Rails, Ember, and PostgreSQL, as well as Django, Backbone, and MongoDB (for a legacy product).
- Built single-page web apps for applying to schools, reviewing applications, and managing the admissions process.
- Implemented a REST API for managing application data.
- Gained familiarity with testing tools (RSpec, pytest) and TDD, devops tools (Chef, Vagrant) and infrastructure best practices, and AWS (S3, EC2, IAM).

**Algorithms TA**, *Oberlin College CS Department*                           *Fall 2013*

- Ran bi-weekly Oberlin Workshop and Learning Sessions (OWLS) for the Fall 2013 Introduction to Algorithms course along with a co-instructor.
- Facilitated peer-to-peer learning sessions in which students worked collaboratively to improve their understanding of algorithms topics such as greedy algorithms, dynamic programming, network flows, and computational complexity.

**Software Developer**, *Prestissimo (oprestissimo.com)*              *June 2013 - August 2013*

- Student-created search engine for the Oberlin College course catalog.
- Full-stack responsibilities using Rails, Bootstrap, and MySQL.
- Improved the speed of course searching by rewriting the Javascript code responsible for populating the UI with the results of database queries.
- Updated the search interface and the structure of the site's database to account for changes in Oberlin College's course credit system.
- Wrote shell scripts and Rake tasks for parsing raw course data received from Oberlin College.

**Neuroscience Researcher**, *Oberlin College Neuroscience Department*      *February 2013 - May 2014*

- Worked in Prof. Michael Loose's research lab studying decision making in two-choice gambling tasks using EEG data and mathematical modeling.
- Participated in the design and execution of several behavioral experiments.
- Analyzed behavioral data using an artificial neural network.