

Daniel Levenson

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EDUCATION

The Johns Hopkins University, Baltimore, MD

Expected December 2014

Bachelor of Science in Biomedical Engineering

- **Cumulative / Major GPA:** 3.64 / 3.75 (Dean's List)

Technical/Development Skills: Ruby, Ruby on Rails, UNIX, SQL (MySQL, PostgreSQL), Automated Testing (TDD/BDD), Software Version Control (git), Amazon Web Services, HTML/CSS, Agile Project Management, MATLAB, AFNI

EMPLOYMENT / TECHNICAL EXPERIENCE

Healthify, Inc. (healthify.us), New York, NY

June 2013 – present

Healthcare technology start-up addressing the social determinants of health

- Raised \$200,000 and working with 3 major clients within 7 months of company formation.
- **Awards and Achievements:** Blueprint Health Accelerator (Class of Fall 2013), TEDMED featured startup, 2013 Johns Hopkins Business Plan Competition Winner
- Co-Founder and Chief Technology Officer
 - Translates business needs into actionable technical tasks.
 - Leads back-end development of the Healthify platform.
 - Increases product quality and relevancy by developing lean product development workflows and practicing continuous deployment of thoroughly tested software.

SmartLogic Solutions LLC (smartlogicsolutions.com), Baltimore, MD

Summer 2012

Ruby on Rails, iOS, and Android agile software development and consulting firm

- Web Development Intern, Primary Client: [Woofound \(woofound.com\)](http://woofound.com)
 - Builds dynamic websites for company clients using Ruby on Rails, jQuery, and MySQL.
 - Applies test-driven development best practices to increase code quality.
 - Collaborates with clients through daily remote stand-ups.

Biomedical Engineering Design Team, Baltimore, MD

June 2012 – May 2013

Project: Automated Early Glaucoma Detection (Developing World)

- Upperclassman Member
 - Filed provisional patent for a multi-modality camera.
 - Assesses the needs of the glaucoma detection infrastructures through collaboration with Johns Hopkins and India-based physicians.
 - Constructs schematics and computational models of potential detection solutions.

Johns Hopkins Hospital, Baltimore, MD

September 2012 – June 2013

● Undergraduate Researcher and Webmaster, *Division of Cancer Imaging Research – Pathak Lab*

- Analyzes and customizes visualization of combined tumor (structural MRI and vascular μ CT) datasets using the AFNI imaging software suite and MATLAB.
- Integrates genetic information from genome-expression APIs with AFNI constructs.

EXTRACURRICULAR / SERVICE ACTIVITIES

Bootup Baltimore, Baltimore, MD

September 2011 – May 2013

Technology community service organization located within the JHU's Center for Social Concern

- Vice President of Communications/Publications
 - Organizes general assemblies.
 - Serves as a liaison between Bootup and numerous non-profit organizations.

Sigma Phi Epsilon Fraternity – Maryland Alpha

● Brother and Past Philanthropy Chair

February 2012 – present

- Organizes community service activities for chapter brothers and alumni.
 - *Cuts For Camp* – fundraiser and solidarity initiative supporting the Hole in the Wall Gang Camp.
 - *Baltimore City Marathon* – organizes water station for marathon runners manned by brothers.

PUBLICATIONS / PATENTS

Liston C., Cohen MM., Teslovich T., Levenson D., Casey B.J. *Atypical prefrontal connectivity in attention-deficit/hyperactivity disorder: pathway to disease or pathological end point?* Biological Psychiatry 2011; 69, 1168-1177

Vikram Rajan, John Kim, **Daniel Levenson**, et al. 2012. *Automated and Non-mydratric Fundus-perimetry Camera for Irreversible Eye Diseases*. JHU Ref. C12270, filed December 21, 2012. Patent Pending.