

# Spencer Brown

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github.com/spencer-brown

## Education

**Purdue University Honors College**, West Lafayette, Indiana

**May 2017**

B.S., Computer Science, Certificate in Entrepreneurship and Innovation

**GPA: 3.88/4.00**

Presidential Scholarship Recipient, Dean's List (2x), Semester Honors (2x)

## Software Skills

Ruby & Rails, Python, SQL, Git, \*nix, Adobe Photoshop, MATLAB, and LabVIEW

## Projects

**SnapWall (Web application - <http://bit.ly/snapwall>)**

**January 2014**

Worked with a team over the course of 36 hours to build a Rails app that leveraged the unofficial Snapchat API to download snaps sent to a SnapWall Snapchat account. Snaps were displayed ephemerally on a tiled wall created with Animate.css and jQuery.

**Open Source Study (Web application - <http://studyhub.sx>)**

**September 2013 – Present**

Developed a Rails app that empowers Purdue students to collaborate on study guides in real-time with Etherpad-Lite. A prototype design attracted over 85% of Purdue's 260+ honors engineering freshmen to register as collaborators.

**Exalted Collectibles (Online retail business)**

**June 2012 – July 2013**

Co-founded an online trading card retailer that drew over 2,000 unique customers in 2013.

## Experience

**Research Assistant – Reczek Group, Denison University**

**July 2013 – August 2013**

Progressed toward establishing a reproducible method for creating reliable TiO<sub>2</sub>-based, dye-sensitized solar cells. Varied the composition, mixing duration, storage conditions, and application of TiO<sub>2</sub> paste.

## Activities

**Member – Computer Science Undergraduate Student Board**

**March 2014 – Present**

Advancing Purdue's CS department by acting as the liaison between students, faculty, and corporate partners.

**Member – Sigma Tau Gamma Fraternity**

**February 2014 – Present**

Striving to improve the image of fraternal life at Purdue by maintaining a high standard of character.

**Director – BoilerMake (<http://boilermake.org>)**

**September 2013 – Present**

Leading the organization of a hackathon at Purdue with 500+ students and \$200,000+ in funding.

**Director – Purdue Entrepreneurship and Innovation Club**

**August 2013 – Present**

Stimulating entrepreneurship across campus with competitions, events, and workshops.

**Vice President, Outreach – Purdue Hackers**

**August 2013 – Present**

Driving hacker culture at Purdue through club events and activities.