Spencer Brown

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Education

Purdue University Honors College, West Lafayette, Indiana   **May 2017**
B.S., Computer Science
Certificate in Entrepreneurship and Innovation
GPA: 4.0/4.0
Presidential Scholarship Recipient

Projects

Open Source Study (Web application)   **September 2013 – Present**
Co-Founder
- Developed a website using Ruby on Rails that empowers Purdue students to connect with their peers and collaborate on study guides in real-time
- Attracted over 85% of Purdue's 260+ honors engineering freshmen as users with a prototype design

Exalted Collectibles (Online retail business)   **June 2012 – July 2013**
Co-Founder
- Utilized new business strategies that drew over 2,000 customers in 2013
- Created and managed ExaltedCollectibles.com

Experience

Denison University   **July 2013 – August 2013**
Research Assistant, Reczek Group
- Varied the composition, mixing duration and storage conditions of TiO_2 paste
- Experimented with different techniques of applying TiO_2 paste to FTO glass slides
- Progressed toward establishing a reproducible method for creating reliable TiO_2-based, dye-sensitized solar cells

Snapshots Lounge   **April 2012 – October 2012**
Kitchen Staff
- Washed dishes and performed basic kitchen tasks in order to maintain the facility's cleanliness

Activities

BoilerMake   **September 2013 – Present**
Executive Committee
- Organizing a hackathon at Purdue with more than 400 students and over $100,000 in funding

Purdue University Entrepreneurship and Innovation Club   **August 2013 – Present**
Director
- Stimulating entrepreneurship across campus with competitions, events and workshops

Purdue Hackers   **August 2013 – Present**
Vice President, Outreach
- Driving hacker culture at Purdue through club events and activities

Granville Youth-in-Government   **August 2010 – May 2013**
Chapter President
- Participated as an active member of the multi-state student legislature for two years before being elected president
- Implemented organizational techniques to permanently improve the club's efficiency and productivity

Skills

- Python
- Ruby on Rails
- MATLAB
- LabVIEW
- Adobe Photoshop