Spencer Brown

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Objective

To obtain a Data Science or Software Engineering Internship for **Spring 2016 and/or Summer 2016.**

Work Experience

RIVAL IQ
Full-Stack Web Development Intern (Summer 2015)
Worked at a 10-person startup alongside engineers who had previously worked at companies like Microsoft and Amazon. Developed with Node.js, Backbone.js, and PostgreSQL. Trusted to build and deploy mission-critical features. Used user metrics to influence product/design decisions.

CONTINUITY CONTROL
Software Engineering Intern (Summer 2014)
Worked as a full-stack web developer using Ruby on Rails, Bootstrap, and MySQL.

Extracurriculars

BURTON D. MORGAN FELLOWSHIP
Fellow (August 2015 - Present)
Selected to be 1 of 11 Purdue students in the first cohort of the Burton D. Morgan Fellowship, an initiative focused on entrepreneurial thought leadership, mentorship, and community building.

CS 190
Weekly Lecturer (August 2015 - Present)
Teaching "CS Tools," a student-taught class that is mandatory for first-semester CS freshmen and includes material like shells, environments, and source control.

HACK THE ANVIL
Co-Founder & Sponsorship Lead (Spring 2015)
Co-founded and led sponsorship for a 400-student, Purdue-only hackathon.

ENTREPRENEURSHIP CERTIFICATE PROGRAM
Ambassador (January 2015 - Present)

CS UNDERGRADUATE STUDENT BOARD
Executive Board Member (January 2015 - Present)
Advancing Purdue's CS department by acting as the liaison between students, faculty, and corporate partners.

BOILERMAKE
Sponsorship Lead (Fall 2014 - Present)
Director (Spring 2014 - Fall 2014)
Communications Lead (Fall 2013 - Spring 2014)
Led a 15-student team in the organization of a Purdue hackathon with 500+ students and $250,000 in funding. Led the fundraising of over $500,000 in total.

PURDUE HACKERS
President (Spring 2015)
Member (August 2013 - Spring 2015, Fall 2015 - Present)
Driving hacker culture at Purdue through club events and activities.

Education

PURDUE UNIVERSITY - MAY 2017
B.S., Computer Science (Security focus)
Certificate in Entrepreneurship and Innovation
· GPA: 3.74/4.00
· Presidential Scholarship Recipient
· 4x Dean's List, 3x Semester Honors

Technical Skills

PROGRAMMING LANGUAGES

★★★★★ JavaScript (Node.js, Express, Backbone.js, AngularJS, jQuery)
★★★★☆ C (C++)
★★★☆☆ Ruby (Rails, Sinatra)
★★★☆☆ Java

+ HTML, CSS (Bootstrap, Foundation), ARM Assembly, R, MATLAB

SOFTWARE ENGINEERING SKILLS
Git/git flow, TDD, pair programming, Vim, *nix, Heroku, AWS

Projects

FREELANCE E-COMMERCE SITE
July 2015 - Present
Building an e-commerce site from scratch for a startup with features such as authentication, admin product creation, and payments. Technologies used include Node.js, Express, MongoDB, AngularJS, and Redis.

EDIBBLE
January 2015
Developed a Node.js app that ran on an Intel Edison microcomputer and communicated with a Pebble Smartwatch app in order to provide a system for restaurant patrons to submit service requests to waitstaff. Requests were updated in a real-time web interface using Socket.IO. Placed in the top 30 teams among 224.

SPENDING
September 2014
Created a Rails app that leveraged the Plaid and Venmo APIs to show a complete overview of actionable spending data for Venmo users. Won the 'Whoa, That's Crazy, Man" prize at PennApps hackathon.

STUDY HUB
Fall 2013
Developed a Rails app that empowered Purdue students to collaborate on study guides in real-time. A prototype design attracted over 85% of Purdue's 260+ honors engineering freshmen to register as collaborators.