

# CAITLIN RUBIN

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## EDUCATION

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**University of Pennsylvania**, Philadelphia, PA Class of 2018

- Computer Science and Cognitive Science, Dean's List (GPA 3.8, ACT 35/36)
- Coursework: Programming Languages and Techniques I & II, Mathematical Foundations of Computer Science, Introduction to Computer Architecture, Automata, Computability, and Complexity

**Horizons School of Technology**, Philadelphia, PA Summer of 2016  
-Fellow

## EXPERIENCE

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**For The Frosh**, *Founder and CEO* Summer 2015 - Present  
School specific Freshman advice site

- Created, curated and designed the site and its contents
- Site attained 100,000 page views within the first 24 hours
- Hired and oversaw 9 team members and 20 FreshReps (Freshmen Representatives)

**Optimizely**, *Contract Software Developer* Summer 2016  
Tag Manager

- Built a javascript dependency management engine that allows users to dynamically insert arbitrary javascript tags into a page with configurable trigger actions (will appear in Optimizely app store 2017)
- Repurposed handlebar templates to inject configuration parameters into custom user-defined script tags
- Created adapter for predictably executing arbitrary synchronous and asynchronous script-tag based integrations

**Tempo**, *Product Owner, Full Stack Software Engineer* Summer 2016  
Universal music search bar

- Integrated Spotify, Soundcloud and Youtube APIs for search and play
- Enabled download directly from app using FFmpeg and youtube-dl npm package
- App won Horizons Hackathon in Music category and overall

**Q**, *Full Stack Software Engineer* Summer 2016  
Slack bot for managing Google Drive and Google Calendar

- Wrote backend methods for authenticating user via Google OAuth 2.0 schema, setting folders, getting files, creating files, creating events and checking a user's calendar availability
- Built original Botkit framework and trained Wit.ai for natural language processing

**Children's Hospital of Philadelphia**, *Intern* Fall 2015  
Office of Entrepreneurship and Innovation

- (\*Due to an NDA, I am unable to describe my work in this office to its full extent\*)
  - Researched and created presentations on various companies, products and medical professionals in order to assist in the transition from in-house medical technology to licensed or consumer products

## SKILLS

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Coursework: JavaScript, Java, C, OCaml, Node.js/Express, MongoDB, ES6 & Promises, CSS3, HTML5, React\*, React Native\*, Redux\*, FlexBox, BotKit, Wit.ai, GIT

Other: Final Cut Pro, Photoshop, Illustrator, Digital Photography

## LEADERSHIP

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**Technology Entrepreneurship Club** Fall 2015 - Present  
*Professional Development Committee*

- Collected resumes, experience and qualifications from Penn students; organized this information into a database for potential employers in technology start-ups
- Contacted various start-ups and alumni in the Philadelphia area to facilitate networking and potential hiring between student and company

**Alpha Phi Penn Eta Iota Chapter** Fall 2015 - Present  
*Vice President of Risk Management*

- Directs the chapter's risk management program to ensure all chapter events follow the Policies & Procedures of the Alpha Phi International Fraternity, Inc.

\*Learning