

David Schmetterling | Resume

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Education

Academic Qualifications.....

- **Boston College** **Chestnut Hill, MA**
BS in Computer Science *May 2017*
- **University of Delaware** **Newark, DE**
BS in Computer Science, 2013 Dean's List *Fall 2013 – Spring 2014*

Notable Projects.....

- **BC HIT's Competition Winner: 'Optum Healthcare Innovation Challenge'**
Won a Healthcare innovation challenge (sponsored by Optum) at Boston College in which my team pitched an idea to make people lead healthier lives. Went on to compete against other schools in Hartford.
- **Mobile Application Development Teaching Assistant: 'Boston College'**
Was a TA for an android mobile development class in which I instruct students through projects and grade assignments.

Experience

- **Wayfair** **Boston, MA**
Engineering Manager *August 2017 – Present*
 - Manage 2 direct reports
 - Leader of the Documentation Workgroup in which I orchestrated the migration our previous documentation for 100+ developers to a more collaborative system on Confluence

Tech Lead - Software Engineer II (iOS)

 - Teach Lead for a team of 4 that develops various features which serve visually similar product recommendations to customers
 - Led development of 'Visually Similar Recommendations' features on our product pages that generated \$2,000,000+ in incremental revenue
 - Rearchitected and developed the redesign of our Search With Photo feature to utilize Apple's ARKit
 - Operate as the scrum master and leader of scrum ceremonies

Product Manager

 - Implemented processes that increased team velocity by 40%
 - Analyzed customer problems to create team's OKR objectives and led team to deliver on 75% of them
- **Isovera Inc** **Waltham, MA**
Web Development Intern *June 2016 – June 2017*

Worked for a web development firm that used the Content Management System, Drupal, to tailor websites to various clients. Led and built a project for WordStream that netted the company \$40,000.
- **Camisas Tech** **Boston, MA**
Lead Mobile Developer *June 2016 – August 2016*

Was the lead mobile developer for a startup in Boston that sold T-Shirts and recycled clothing. Used Cordova to develop a cross-platform app for Android and iOS. Developed UI and UX design patterns for the app.
- **Travelers Insurance** **Hartford, CT**
iTIP Intern (IT Internship Program) *June 2015 – August 2015*

Worked for Travelers Insurance in the Architecture department for the OAI-sys line of business. Collected data and conducted experiments with various technologies involving "The Internet of Things." Responsible for research and implementation of different package managers in projects, as well as code collaboration software.
- **EventLists** **Simsbury, CT**
Lead Designer *2015 – 2016*

Currently developing an Event based iPhone application with a colleague that uses algorithms to sift through websites and generate events that are displayed elegantly to users. Created the front-end user interface of the application.

- **Retina Designs**

- *Web Editor and Designer*

Costarted a company with my friend called Retina Designs. Originally traveled to our clients homes and helped them with their various technological issues. Rebranded the company to focused solely on creating web sites. Generated Photoshop images, brainstormed website designs, and executed basic HTML and JavaScript editing.

Projects

- **Ele&Phant** '*Web Developer*' - *eleandphant.com*

Developed a website for a local entrepreneur to sell clothing in which some profits were donated to foundations that help save elephants.

- **Quarteria** '*Web Developer*' - *quarteria.epizy.com*

Designed and developed a website for a startup that was using NEO to sell real estate utilizing blockchain technology.

Technical and Personal skills

- **Programming Languages:**

Expert: Swift, Python, JavaScript, HTML

Proficient: PHP, Java, MySQL, C

Basic: Ruby, Verilog, TeX, OpenGL, Hadoop, Spark

- **Industry Software Skills:** Xcode (Advanced), Adobe Photoshop (Advanced), Android Studio (Advanced), Matlab (Intermediate), AWS (Intermediate).

Interests and extra-curricular activity

- Running, biking, hiking, reading about technology, guitar, piano, music composition, tennis, and Frisbee.

- Participated in Club Frisbee and Club Running teams my sophomore and freshman year respectively