**EDUCATION**

**LinkedIn Profile**

linkedin.com/in/spencershadley

**The University of Texas at Austin, Bachelor of Science in Computer Science** May 2016

*Minor in Mathematics*

* Computer Science GPA: 3.71/4.00
* Enrolled in Integrated Master Program (Master degree May 2017)
* Courses: Data Structures, Computer Architecture, Computer Operating Systems, Compilers, Wireless Networks

**EXPERIENCE**

**Android>Apple Company**, Austin, TXAugust 2011 – Present

*Founder and CEO*

* Develop mobile applications (one of which Amazon selected as their “Free App of the Day”)
* Published in: Google Play Store, Amazon AppStore, Nook Store, Blackberry, SlideME, Opera, GetJar, Appia Stores

**eBay/PayPal – Global Ops Architecture Team (GOAT)**, Austin, TXMay 2015 – Present

*Architect Intern*

* Clickable Architecture Project: Converted static sporadic images found across PayPal's development wiki pages into live diagrams and features such as SSO, inline comments, granular permissions and subscription updates to changes
* Email Alerts Project: Single-page web app using the MEAN stack to aggregate emailed alerts asynchronously in real-time. Achieved using a model-view-controller paradigm, RESTful APIs, socket.io, Almsaeed Studio, bootstrap, jQuery and Bootbox. Additional features were an SSL connection, asynchronous chat and a responsive design.

**IBM – Software Group (SWG)**, Austin, TX May 2014 – August 2014

*InfoSphere MDM Software Development Intern*

* Programmed and designed an end-to-end web application for using Reference Data as a Service which was presented numerous times to Executive Leadership
* The web application (written in Java, JavaScript, HTML5 and CSS3) utilized Node.js and shell scripts to publish JSON data from a server to a Cloudant database which was presented on a website deployed on BlueMix or accessible via RESTful APIs

**Garland Independent School District (GISD)**, Garland, TX Summer 2012/2013

*Course Author and Advisor*

* Authored new Mobile Application Development Course for the eight high schools of GISD (including slidedecks, tests, etc.)
  + Produced a flashable system image for the 28,000+ computers in GISD

**PROJECTS AND TECHNICAL SKILLS**

* Projects: wrote a small Operating System, created a Pascal Compiler, contrived an Android app to scan hand-written code and display its output, established a website to teach Android development, programmed Huffman Compression
* Programming Languages: Java (5 years), XML (3 years), C (2 years), Javascript (2 years), CSS (2 years), HTML (2 years), x86 Assembly (2 years), JSON (1 year), JSP (1 year), Lisp (1 year), Yacc (1 year), SQL (basic knowledge)
* Software: Git, GDB, MEAN (mongoDB, Express, Angular, Node.js), VMWare Player, Photoshop, FireBug, Cloudant, BlueMix, Google App Spot, Apache Tomcat, Bootstrap, jQuery, MagicDraw, Gliffy
* Other skills: Object Oriented Design, Functional Programming, Agile Development (SCRUM), Responsive Design, created RESTful APIs, Shell Scripting, UML 2.0, Education, Databases, Data Management

**COMMUNITY INVOLVEMENT/LEADERSHIP**

* Judged CS UIL competition, Association for Computing Machinery, Computer Science UIL Team Captain, Calculus Club Secretary, Calculus Bowl, Student Council, Senior Leader for younger students

**HONORS AND AWARDS**

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| * 30,000+ Android app downloads | * Thousands of MApp Website Users | * 40,000+ MApp Website Views |
| * Amazon “Free App of the Day” | * Computer Science II Student of the Year | * AP Scholar, Duke Scholar, Star Scholar |