

RILEY THOMAS LUNDQUIST

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EMPLOYMENT

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|--|------------------------------------|--------------------------------|
| Web Developer | On Farm Innovations Ltd. | Aug. 2017 – present |
| <ul style="list-style-type: none">• Developing a web application to accompany livestock management Android app, StockManager• Collaborating and developing remotely with a team distributed around the world | | |
| Mentor & Project Reviewer | Treehouse Island, Inc. | May 2016 – present |
| <ul style="list-style-type: none">• Helped students earn “Techdegrees” by providing resources and detailed feedback on JavaScript, Python, and Android projects• Provided private, specific assistance in online mentoring sessions | | |
| Mobile Developer & Project Lead | Kalamazoo College Arboretum | Summers 2014 & 2016 |
| <ul style="list-style-type: none">• Designed and developed a mobile trail guide for Kalamazoo College’s Arboretum• Supervised team of students working on data management and development for the project | | |
| Engineering Intern | Eaton Corporation | May 2013 – April 2014 |
| <ul style="list-style-type: none">• Led search for a work request software system; ultimately implemented Request Tracker• Automated data analysis processes for engineers using imc FAMOS | | |

EDUCATION

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|---|----------------------------|--------------------------------|
| Kalamazoo College | Kalamazoo, Michigan | Sept. 2012 – June 2016 |
| <ul style="list-style-type: none">• B.A., Computer Science & German: GPA 3.94, Summa Cum Laude, Honors in Computer Science, Goethe Institute C1 Certification (German fluency)• Coursework: Data Structures, Algorithms, Computer Organization, Mobile Computing, Operating Systems & Networking, Programming Languages, Building the Internet, Discrete Mathematics, Linear Algebra & Vectors, Calculus III | | |
| Friedrich Alexander Universität | Erlangen, Germany | Sept. 2014 – March 2015 |
| <ul style="list-style-type: none">• 1-semester study abroad program taking university courses taught in German• Integrative Cultural Research Project: 3-month internship at Bongartz – Musik in allen Formaten (an independent record store) followed by a cultural essay | | |
- Awards & Honors**
- **Alpha Lambda Delta:** honors society for excellence in the first year
 - **Heyl Scholar:** full tuition, room, and books for a few local students pursuing math or science degrees

PROJECTS

- **Codemoji (2017):** platform that teaches kids basic coding skills without the need for typing proficiency (JavaScript, HTML/CSS, Bootstrap)
- **LiftSense (2015 – 2016):** a mobile app that uses the phone camera and OpenCV to calculate the weight on a barbell (Android, iOS, OpenCV, Firebase)
- **Versapp (2014):** anonymous messaging app (Android, iOS)

LANGUAGES & SOFTWARE

- JavaScript (incl. Node.js, React, jQuery), Java, Python, Objective-C, Haskell, HTML/CSS, Bootstrap
- Firebase, MongoDB, SQL
- Git, Unix environments, Android Studio, Xcode