4306 Pine Ridge Trail NE,
Iowa City, IA, 52240
(319) 330–1706

# LUKE WASSINK

lwassink@gmail.com
github.com/lwassink
linkedin.com/in/lwassink

## PROJECTS

### Goodcode

- My App Academy final project: a full-stack, single page app with secure user authentication.
- Built using Rails and React. Site for reviewing other programs. Write reviews in markdown.

### Personal Site

- A site to list my personal projects and blog posts. Served using an nginx reverse proxy.
- Blog posts rendered in markdown with inline latex rendering and syntax highlighting of code snippets.

### Checkers

- A fully playable, frontend checkers app built with React and Redux.
- Impliments a drag-and-drop interface using React DnD.

## SKILLS

- Ruby, Ruby on Rails, JavaScript, React.js, Redux, SQL, Scala
- Git, VIM, VIMScript

## EMPLOYMENT

### Instructor          App Academy          Fall 2016–Present

- Managed development of core curriculum: supervised introduction of React Router v4 to curriculum
- Created new videos and readings. Delivered lectures on Ruby, Rails, Javascript, React
- Supervised student final projects creating full-stack web apps using Rails and React

### Visiting Assistant Professor          Dept. of Mathematics, U. Iowa          Fall 2015–Spring 2016

- Designed and taught courses in calculus and linear algebra
- Conducted research in number theory

### Lab Assistant          Dept. of Physics, U. Iowa          Spring 2006–Spring 2008

- Integrated new equipment into computer-controlled LED-measurement system written in LABView
- Rewrote entire LABView system to provide detailed, real-time display of scan data

## EDUCATION

### Web Development          App Academy          Fall 2016

- 1000 hour full-stack web coding bootcamp with $<4\%$ acceptance rate
- Topics include: Rails, SQL, React, algorithms, and best practices

### Dotcor of Philosophy          University of Iowa          Fall 2009–Spring 2015

- Ph.D. in Mathematics, GPA 3.86
- Dissertation: *Split Covers for Certain Representations of Classical Groups*
- Coursework: Abstract Algebra, Real and Complex Analysis, Differential and Algebraic Topology

### Bachelors of Science          University of Iowa          Fall 2006–Spring 2009

- B.S. in Mathematics, GPA 3.86; B.S. in Physics, GPA 3.45; Dean's List
- Relevant coursework: Calculus III, Linear Algebra, Real and Complex Analysis, Physics, Electronics