

# KYLE J. LOOKER, MSPH

<https://complicationlamp.github.io/>

San Francisco, California

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## OVERVIEW

Software developer and former Boeing industrial hygienist with a passion for problem solving. Having spent the last few years focused on science and engineering, I've decided to pursue my interest in technology.

## SKILLS

- **Technical:** Javascript, Node, Express, React, Redux, REST, MongoDB, Mocha, Chai, HTML, CSS, Python
- **Other:** API development, Front end development, problem solving, SDLC, TDD, accessibility

## PROJECTS

**CUSTOM FLASHCARD QUIZ APP** <https://github.com/complicationlamp/flashcard-react-app-client>

- *Built a full-stack app primarily with React and Node.js where the user is able to create flashcards for and sort by CS topics (React, HTML, both, etc.).*

**WEDDING GIFT EXCHANGE** <https://github.com/complicationlamp/WeddingGiftEx>

- *This project was designed to facilitate a gift exchange for guests coming to my wedding*
- *This app is an MVP and my first experience using Node, MongoDB, Mongoose, and Passport*

**WEDDING EVENT GUIDE** <https://github.com/complicationlamp/complicationlamp.github.io/>

- *A simple event guide of a four-day traditional Indian wedding using the Google Maps and open-weathermap APIs*

## PROFESSIONAL EXPERIENCE

Wood (embedded consultant at The Boeing Company), Portland OR

October 2017 - August 2018

Industrial Hygienist

- Discovered a critical flaw in the campus' ventilation engineering for hazardous materials and resolved it by using a different mathematical approach to work with the system in place
- Used predictive mathematics to locate and separate contaminated air
- Responsible for project design and site-wide analysis of acoustical engineering
- Provided mentorship for summer intern

uTest Portland OR

March 2016 - January 2017

Software QA Tester

- Evaluated functionality, usability and design of websites and applications on mobile and desktop
- Used Charles Proxy to test features in staging environments
- Documented bugs in detail so errors could be reproduced and corrected by the engineering team

Paul Carlson Associates, Lake Oswego, OR

July 2015 - October 2017

Project Manager

- Calculated explosive forces for flammable dusts, under a variety of circumstances and industries
- Managed the development and relaunch of company website
- Responsible for contractor oversight for the asbestos abatement and demolition of a 32 building industrial campus

## EDUCATION

Full Stack Flex

November 2018

*Thinkful Software Development Bootcamp*

Master of Science in Public Health, Industrial Hygiene

May 2015

*Tulane University School of Public Health and Tropical Medicine, New Orleans, LA*

- Second in class, Recipient of CDC NIOSH Fellowship: statistical analysis of crystalline silica exposures
- Coursework: bio statistics, ventilation engineering, radiological health, epidemiology, risk analysis

Bachelor of Science, Neuroscience

June 2011

*University of Cincinnati, Cincinnati, OH*