# Alec B. Lownes

*Sensitive contact information removed*

aleclownes.com - github.com/cakenggt

## Summary

Professional software engineer with experience working in a number of capacities including web frontend, server backend, database access, internal tool design, and design specification writing.

## Technical Tools

React, Redux, CSS 2/3, Webpack, Node, Electron, JQuery, Elm, Atom, Java, J2EE, Spring MVC, Eclipse, Oracle PL/SQL, PostgreSQL, Hibernate, Toad, Python 2/3, PyCharm, Django, Android SDK

## Industry Experience

**WESCO**                                                                                              Pittsburgh, PA
*eCommerce Developer*                                                              *March, 2017 - Present*
- Responsible for building WESCO's eCommerce platform: buy.wesco.com
- Redesign website for responsive phone and tablet use
- Integrate Gulpicon into build process to increase browser compatibility

**Performance Review Institute**                                                      Warrendale, PA
*Software Engineer*                                                            *August, 2014 - March, 2017*
- Author design specifications and lead engineering teams on implementation
- Enhancements touching all parts of the system including SQL database modification; frontend JavaScript, JQuery, HTML, and CSS; and backend Spring MVC and Hibernate
- Increase industry adoption rate by automating audit quotation system to allow customers to preview audit costs
- Redesign existing Swing offline application as an Electron-based React-Redux application
- Develop cross-tab communication JavaScript library to prevent multi-tab site access

**Crisis Support Services of Alameda County**                                    Berkeley, CA
*Shift Leader/Crisis Counselor*                                 *September 2012 - February 2014*
- Counsel individuals in crisis over the phone to help manage their current and near-future situations
- Coordinate the crisis line volunteers and work with local law enforcement to rescue individuals in imminent danger
- Responsible for filing elder and child abuse reports to the local authorities

## Publications

- RisingStack
- Featured on Node Weekly (#160)(#163)
- Featured on Javascript Weekly (#311)

## Education

**Wright State University**                                                                          Dayton, OH
*Bachelor of Science in Psychology*                                                          *March 2012*
GPA: 3.73
- *Relevant coursework:* Multivariable Calculus, Introduction to Programming

**North Carolina School of Science and Mathematics**                              Durham, NC