Derek Nelson

1431 Leforge Rd. Apartment 202, Ypsilanti, MI 48198
(734) 274-7237 ● *contact@dereknelson.io* ● *dereknelson.io* ● *github.com/nelson54*

I want to write clean, maintainable code and have a good time doing it.

Professional Accomplishments

Lead developer of a placement test for the Headsprout project at Learning A-Z that determined new students starting level and runs on the web, iOS, and Android. Was a mentor for the intern program for the last 3 years. Participated in recruiting, interviewing, teaching presentations, and code reviews. Developed a new user management system for Kurzweil 3000 administrators that is used by thousands of schools.

Sole developer writing a web application (PHP, MySQL) for a pharmacy lab at Ferris that kept track of thousands of lab animals. The application replaced a $20,000 database purchased in the 90's.

Personal Accomplishments

Competed in Startup Weekend February 2018 and got 1st place. I have two other Top 3 Startup Weekend projects.

Created a Tower Defense style game for Global Game Jam at the University of Michigan in 2018 and got 5th place.

Technologies

Java, JavaScript, PHP, Spring, ExpressJS, PhaserJS, Angular 1.x, Lucene, Maven, Gradle, Webpack, Gulp/Grunt

Work History

Learning A-Z *Software Engineer 3*	May 2013 - October 2018
Supply Chain Management – England Logistics *Software Engineer*	2012 - 2013
Admissions Department – Ferris State University *Web Developer*	2010-2012
Jung Choi (Professor) – Ferris State University *Industry Consultant/Teacher's Assistant*	2011-2012
College of Business – Ferris State University *Web Developer*	2009-2010
Computer Technology Services – Ferris State University *Student Support Technician*	2008-2009
Animal Care Facility – Ferris State University *Volunteer Web Developer*	2007-2008

Education

Ferris State University	2006-2011