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 that determined a new students starting level and runs on web, iOS, and Android. Was a mentor for intern program for the last 3 years. Participated in recruiting, interviewing, teaching presentations, and code reviews. Developed an new user management system for Kurzweil 3000 administrators that is used at thousands of schools.

Sole developer to 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 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   May 2013 - October 2018
Software Engineer 3

Supply Chain Management – England Logistics   2012 - 2013
Software Engineer

Admissions Department – Ferris State University   2010-2012
Web Developer

Jung Choi (Professor) – Ferris State University   2011-2012
Industry Consultant/Teacher's Assistant

College of Business – Ferris State University   2009-2010
Web Developer

Computer Technology Services – Ferris State University   2008-2009
Student Support Technician

Animal Care Facility – Ferris State University   2007-2008
Volunteer Web Developer

Education

Ferris State University   2006-2011