

Jonathan Allen

Mathematics student

P.O. Box 52

Fargo, ND 58107

H 802-552-0922

B jonathan.allen@ndsu.edu

Work History

- 2014 – Present **Teaching Assistant**, *North Dakota State University*, Fargo, ND.
Precalculus level algebra
- Prepare and present classroom material.
 - Provide one on one assistance for my students.
 - Grade homework, quizzes, exams, etc.
- 2003 – 2014 **Food Service**, *McDonald's and Papa John's*, Minot, ND and Fargo, ND.
Miscellaneous preparation management and transportation tasks
- Purchase and track food, supplies, and other inventory.
 - Tracking/manage tills and bank deposits
 - Manage hourly profit, cost, labor, and scheduling
 - Product transportation
- 2002 – 2003 **Programmer**, *North Dakota Center for Persons with Disabilities*, Minot, ND.
Miscellaneous programming tasks
- Use C++ and Win32 to maintain and create accessibility software.
 - Use Active Server Pages to create and maintain web applications.
 - Use SQL to interface with database back ends.
 - Design and maintain MSSQL and Oracle databases.

Schooling

- Present **Student**, *North Dakota State University*, Fargo, ND.
Mathematics
- 2001-2005 **Student**, *Minot State University*, Minot, ND.
Computer Science and Mathematics

Technical Achievements

- 2013 **ArchNexus**, <http://www.github.com/archnexus>.
Created Linux distribution for tablet computers.
- 2008 – 2011 **yCurses**, <http://www.github.com/ylixir/ycurses>.
Created ncurses bindings for the D programming language.
- 2010 – 2011 **Yaed**, <http://www.github.com/ylixir/yaed>.
Cross platform text editor.
- 2015 **Lerna**, <http://www.github.com/ylixir/lerna>.
Web browser with lua scripting support.

Proficiency

- Expertise \LaTeX , C/C++, sh, Lua, git
- Experience D, Python, PHP, SQL, HTML, CSS, Visual Basic, javascript, vala
- Language English, French