# Jonathan Allen

*Mathematics student*

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## 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 Active Server Pages and SQL with IIS and MSSQL to create and maintain web applications
– Maintain and create miscellaneous Windows based accessibility software using Visual C++

**1997 – 2002** **Customer Support Technician**, *Gateway Computers and Disney Interactive*, Minot, ND.
Assist customers experiencing technical difficulties
– Troubleshoot and repair computer problems over the phone or through text chat.
– Communicate technical information in non-technical ways.

## Schooling

**Present** **Student**, *North Dakota State University*, Fargo, ND.
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

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|---|---|
| Development | PHP, SQL, C/C++, sh, Python, Lua, D, Visual Basic |
| Markup | LaTeX, HTML, CSS |
| Databases | Oracle, MSSQL |
| Systems | Windows, Linux, FreeBSD, Android, Macintosh OS X |
| Software | Microsoft office, git |
| Language | English, French |