

# 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.

2007 – 2014 **Delivery Driver**, *Papa John's*, Fargo, ND.

Deliver Pizza's

2006 – 2007 **Manager**, *Papa John's*, Minot, ND.

Miscellaneous store management tasks

- Purchase food, supplies, etc.
- Track and manage inventory.
- Scheduling.

2003 – 2006 **Manager**, *McDonald's*, Minot, ND.

Miscellaneous shift management tasks

- Manage money, including tracking tills and bank deposits
- Track hourly profit and cost and manage labor appropriately
- Watch service times and quality and help employees maximize these

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.

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## Schooling

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

Mathematics

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## 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.

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## Proficiency

Development	PHP, SQL, C/C++, sh, Python, Lua, D, Visual Basic
Markup	L <sup>A</sup> T <sub>E</sub> X, HTML, CSS
Databases	Oracle, MSSQL
Systems	Windows, Linux, FreeBSD, Android, Macintosh OS X
Software	Microsoft office, git
Language	English, French