

Jonathan Allen

Mathematics student

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Relevant 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.

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.

Proficiencies

Languages PHP, SQL, C/C++, sh, Python, Lua, D, Visual Basic

Databases Oracle, MSSQL

OS Windows, Linux, FreeBSD, Android, OS X

Software Microsoft office, Open Office, L^AT_EX, git, Minitab

Languages French, English