

# Jonathan Allen

*Mathematics student*

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## Work History

2014 – Present **Teaching Assistant**, *North Dakota State University*, Fargo, ND.

Precalculus level algebra

- Prepare an hour of classroom material each week for each class taught.
- Provide regular office hours for students to receive one on one assistance.
- Grade homework, quizzes, exams, etc.

2006 – 2014 **Manager and Delivery Driver**, *Papa John's*, Fargo, ND and Minot, ND.

Miscellaneous store management tasks in Minot. Mostly deliveries in Fargo.

- Purchase food, supplies, etc.
- Track and manage inventory.
- Scheduling.
- Help shift managers meet the store owners expectations.

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 Visual Basic and SQL with IIS and MSSQL to create/maintain database backed websites
- Database design
- Maintain and create miscellaneous Windows based software (mostly in Visual C++)

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## Schooling

2013 – Present **Student**, *North Dakota State University*, Fargo, ND.

Mathematics

2007 – 2011 **Occasional Student**, *North Dakota State University*, Fargo, ND.

Mathematics

2001 – 2006 **Student**, *Minot State University*, Minot, ND.

Mathematics and Computer Science

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## Technical Achievements

2013 **Open Source Developer.**

Ported Arch Linux to run on the Nexus 7 tablet.

2008 – 2011 **Open Source Developer.**

Created ncurses bindings for the D programming language.

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## Skills

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

Databases Oracle, MSSQL

OS Windows, Linux, FreeBSD, Android, Macintosh OSX

Software Microsoft office, Open Office, L<sup>A</sup>T<sub>E</sub>X, git, Minitab

French **four years of high school, two years of college**