

# Trevor Daniels

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## *Skills*

- Five years experience with the Linux operating system. Able to use the command line and the GNU/Linux toolchain to manage a server.
- Three years experience with IIS and the ASP.NET web platform.
- Proficient with Android development. Built a client-server data synchronization system for a data collection app, meant to address the issue of limited network connectivity in rural Nebraska.
- Extensive experience with web technologies. Implemented a REST web service for mobile clients to check status of the StarTran Bus Service in Lincoln, NE.
- Experience with heuristic-driven search algorithms, such as A\*, used in artificial intelligence.
- Ability to work in a team setting to complete software projects.

## *Technical Tools*

- **Languages:** C/C++, C#, Python, PHP, Java, J2EE, LISP, HTML5, CSS3, Javascript
- **Database Engines:** MySQL, MSSQL, SQLite
- **Development Environments:** Visual Studio, Eclipse, Android SDK, Emacs
- **Frameworks:** .NET, Django, jQuery, Dojo, LESS, Glassfish, Silverlight, WPF
- **Source Control:** Git, Team Foundation Server
- **Methodologies:** Agile, Waterfall

## *Education*

- **University of Nebraska–Lincoln (UNL)**, *College of Arts and Sciences*  
Lincoln, Nebraska, January, 2007 – December, 2011
  - Graduated December, 2011
  - Computer Science Major, Japanese & Mathematics Minor
- **Southeast Community College (SCC)**, *Computer Programming Technology*  
Milford, Nebraska, January, 2005 – June, 2006
  - Graduated June, 2006
  - Associates of Applied Science
  - Dean's List all quarters

## ***Professional Experience***

- **GIS Workshop, LLC**

*Software Developer*, May, 2012 – January, 2016

- Developed custom GIS solutions for a variety of platforms, including desktop, web and Android, using ESRI's ArcGIS as the underlying engine.
- Managed websites for hundreds of clients, primarily county officials across Nebraska, North Dakota, and South Dakota.
- Used modern collaboration tools, such as Git, to complete large projects.
- Maintained custom websites on an individual basis with clients. Websites have special features such as document management and custom queries.
- Website front-ends implemented using a variety of frameworks, including HTML5, Adobe Flex, and Silverlight using Windows Presentation Foundation.

- **UNL Student Involvement–Information Strategies**

*Webmaster/Database Manager*, January, 2007 – December, 2011

- Managed and updated three websites with seven different program areas.
- Designed, produced and uploaded Flash and other multimedia promotions for all Student Involvement events and programs.
- Worked within a team setting to create web and multimedia promotional materials and web forms that are effective for college students.
- Created web applications using PHP and Django Framework to assist students.

- **Southeast Community College–Technology**

*Student IT Technician*, Summer 2006

- Assisted in rewiring SCC's computer network.
- Handled and terminated Ethernet and fiber optic cables.
- Charged with setting up all new lab computers.

## ***Links***

- **Github:** <https://github.com/RMTrev>
- **LinkedIn:** <https://www.linkedin.com/in/trevor-daniels-72bb078>
- **Twitter:** [https://twitter.com/RM\\_Trev](https://twitter.com/RM_Trev)