

Benjamin W. Collin

St. Paul, MN 55117

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Online Portfolio: <http://hirebenny.com>

Technical Skills:

- Languages: Perl, TCL, C, Tk, HTML, CSS, PHP, JavaScript, XML, SQL, Google Maps API
- Operating Systems: Linux, Windows
- Software: Microsoft Office, Photoshop

Experience:

CenturyLink

Minneapolis, MN

Software Developer

January 2013 – October 2013

- Created web tools using Perl and CGI for internal use by technicians.
- Developed Perl scripts that utilized SQL for gathering data, creating tables, and inserting data into the database.
- Created dynamic website combining weather and Google Maps for outage troubleshooting.
- Gained invaluable experience in front and back end development of web applications.

Meridian Environmental Technology Inc.

Grand Forks, ND

Software Applications Developer

August 2007 – August 2012

- Lead developer of forecasting software.
- Helped improve efficiency of internal forecast system, getting data to customers faster.
- Developed custom tools with Perl/TCL Tk for internal use by forecasting team that brought new and improved ways of viewing real-time weather data crucial in the forecasting process.
- Created user interface to replace spreadsheet data input. Dramatically increased rate of data input while also making task more enjoyable.
- Worked closely with forecasters to maintain an open line of communication so any issues or needed updates with software would be done immediately.

Regional Weather Information Center

Grand Forks, ND

Undergrad Research Assistant

January 2007 – August 2007

- Assisted in Blowing Snow Validation.
- Developed software to display various meteorological and geospatial data using Perl and Perl\Tk.

Additional Experience:

BleacherWeather.com

Founder / Web Developer

January 2011 – Present

- A Google Maps mashup combining sporting events and weather on one map.
- Custom JavaScript and AJAX parse XML files for site locations and additional information. Markers are then plotted on the Google Map.
- Custom PHP scripts grab weather data from The National Weather Service and displays forecast, current conditions, and local radar for venue.
- Perl scripts running on Cron convert .csv formatted schedules into custom XML that is then used in the above processes.

Education:

University of North Dakota

Grand Forks, ND

John D. Odegard School of Aerospace Science

Bachelor of Science in Atmospheric Sciences, August 2007