

Max Kernchen

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EDUCATION - Western Carolina University

Computer Science Major and Mathematics Minor, August 2013 – May 2017

GPA: Cumulative - 3.68, In-Major – 3.62

Dean's List: Fall 2013, Spring/Fall 2014, Spring 2015, Fall 2016. Member of Honors College, Computer Science Ambassador.

EXPERIENCE

Technical Support Analyst – Itron (August 2017 – Present)

Support large scale application handling import and validation of up to millions of electric meter readings a day. Common responsibilities include: Database (Oracle and SQL Server) performance tuning, queries, and updates, C# code debugging, XML analysis, and configuring Web Services.

Web Developer, Misty Mountain Ranch B&B (January 2017 – March 2017)

Website updates and additions (pictures, text, and widgets written in PHP) that were requested by owner. <http://www.mistymtnranch.com/>

Enterprise Contact Center Applications Intern, Blue Cross Blue Shield of Tennessee (May 2016 – August 2016)

Updated automated testing suite of Agent Work Space (software used by call center employees) using HP Unified Functional Testing which utilizes Visual Basic script. Worked in a SCRUM environment and delivered code using version control (HP Application Lifecycle Management).

PROJECTS

Lynx - Peer-to-Peer File Synchronization - Golang

Consists of browser-based GUI (HTML5, CSS, JavaScript, JQuery UI) and Golang backend influenced by bit torrent protocol. GitHub and working demonstration available at the [Lynx Project Page](#)

Spot My Mood – Android

Allows users to take a self-image and display current emotions. These emotions are then matched with a related Spotify playlist. GitHub and PlayStore link available at the [Spot My Mood Project Page](#).

Additional projects can be found at <https://maxkernchen.github.io/projects.html>.

TECHNOLOGY

Programming Languages: Java, C#, Go, Python, C, BASH, JavaScript, HTML5, CSS.

Databases: SQL Server, Oracle, SQLite.