Matthew Brown

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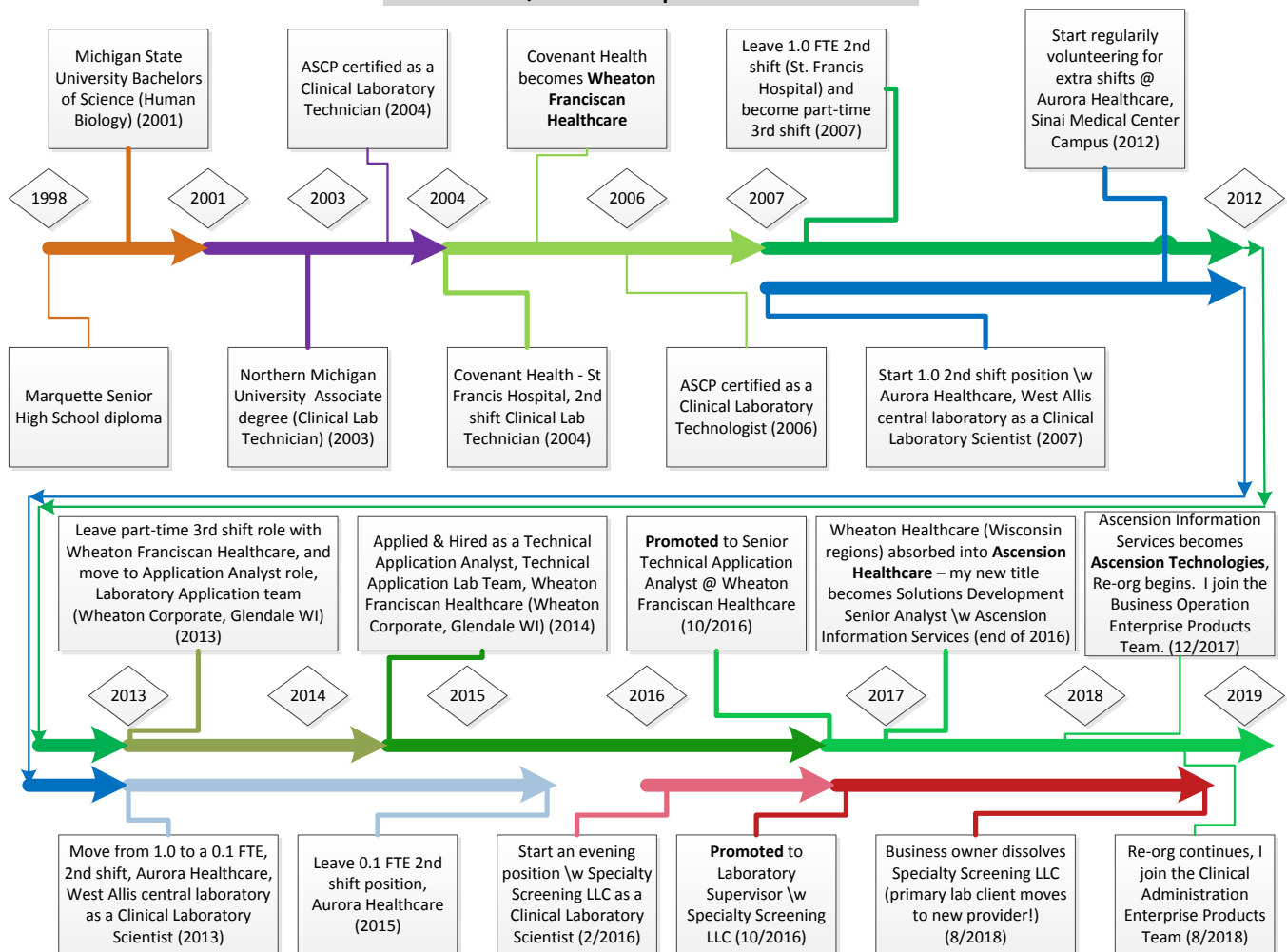https://github.com/matthew-brown-mlsci/Resume

Solutions developer senior analyst pursuing remote administration, support and development opportunities for clinical and/or mission critical technology solutions.

Qualifications

- Diverse experience supporting a variety of clinical information systems.
- Extensive background working in clinical laboratory operations.
- Passionate about achieving a challenging position that allows for meaningful contributions.
- Enthusiastic and efficient when learning new technologies.
- Cognizant and mindful of product lifecycle and support constraints when evaluating or implementing projects, solutions and work-arounds.
- Resourceful and creative when solving difficult technical problems.
- At ease working in projects combining on and off-site resources
- Responsible when ensuring project timelines are met, effectively communicating goals and needs to appropriate participants.
- Confident responding to complex incidents in a timely manner when placed in an on-call rotation.
- Comfortable telecommuting, currently operating on a national team from my home office for Ascension Technologies.

Education/Work Experience Timeline

1998
Marquette Senior High School diploma

2001
Michigan State University Bachelors of Science (Human Biology) (2001)

2003
Northern Michigan University Associate degree (Clinical Lab Technician) (2003)

2004
ASCP certified as a Clinical Laboratory Technician (2004)
Covenant Health - St Francis Hospital, 2nd shift Clinical Lab Technician (2004)

2006
Covenant Health becomes **Wheaton Franciscan Healthcare**
ASCP certified as a Clinical Laboratory Technologist (2006)

2007
Leave 1.0 FTE 2nd shift (St. Francis Hospital) and become part-time 3rd shift (2007)
Start 1.0 2nd shift position \w Aurora Healthcare, West Allis central laboratory as a Clinical Laboratory Scientist (2007)

2012
Start regularly volunteering for extra shifts @ Aurora Healthcare, Sinai Medical Center Campus (2012)

2013
Leave part-time 3rd shift role with Wheaton Franciscan Healthcare, and move to Application Analyst role, Laboratory Application team (Wheaton Corporate, Glendale WI) (2013)
Move from 1.0 to a 0.1 FTE, 2nd shift, Aurora Healthcare, West Allis central laboratory as a Clinical Laboratory Scientist (2013)

2014
Applied & Hired as a Technical Application Analyst, Technical Application Lab Team, Wheaton Franciscan Healthcare (Wheaton Corporate, Glendale WI) (2014)

2015
Leave 0.1 FTE 2nd shift position, Aurora Healthcare (2015)

2016
Promoted to Senior Technical Application Analyst @ Wheaton Franciscan Healthcare (10/2016)
Start an evening position \w Specialty Screening LLC as a Clinical Laboratory Scientist (2/2016)
Promoted to Laboratory Supervisor \w Specialty Screening LLC (10/2016)

2017
Wheaton Healthcare (Wisconsin regions) absorbed into **Ascension Healthcare** – my new title becomes Solutions Development Senior Analyst \w Ascension Information Services (end of 2016)

2018
Ascension Information Services becomes **Ascension Technologies**, Re-org begins. I join the Business Operation Enterprise Products Team. (12/2017)
Business owner dissolves Specialty Screening LLC (primary lab client moves to new provider!) (8/2018)

2019
Re-org continues, I join the Clinical Administration Enterprise Products Team (8/2018)

Professional Experience

- 5+ years managing various clinical application servers running AIX, HP-UX, Linux, Windows Server 2003/2008/2012. Experience installing, configuring and supporting Citrix applications.
- Team project lead on several complex projects involving clinical application upgrades/installs/sunsets from McKesson, Sunquest, Mediware, Data innovations, Nuance, Allscripts, etc.
- Coded custom solutions for unique problems, including creating multi-user, database driven applications.
- Performed advanced troubleshooting/analysis/manipulations on production clinical RDBMS (Oracle/MSSQL Server)
- Skilled at evaluating & automating IT processes using appropriate technology
- Regularly interfaced with vendors, network engineers, system engineers, application analysts, operations management and end-users to facilitate timely resolutions to issues/project work.
- Facilitated friendly interchanges between (at-times) hostile resources to expedite project/incident related work.
- Worked off-hours/on-demand as required to maintain clinical application integrity.
- Successfully integrated on a national technical team providing 24/7, 3rd tier information systems support.

Employment History

Ascension Technologies (previously known as Wheaton Franciscan Healthcare) – *Glendale WI*

Solutions Development Senior Analyst   (Tech-Apps Lab Team)
                                             (Business Operations Enterprise Products Team)
                                             (Clinical Administration Enterprise Products Team)
                                                              - 12/17/2016 to Present

Senior Technical Application Analyst   (Tech-Apps Lab Team)   *- 10/1/2016 to 12/17/2016*

- Maintained all responsibilities from Wheaton Franciscan Healthcare legacy structure while adapting to the Ascension Healthcare reorganization effort.
- Currently working with an entirely virtual team, supporting numerous healthcare applications across the United States (Access eForms, ANSOS, Formfast, etc).
- Contributor to Ascension Technologies automation sub-team, utilizing Selenium/Java to identify/automate enterprise processes.
- Jumped into new technical opportunities from the WFHC/Ascension merger, including some IBM Mainframe work \w SAS/JCL, as well as Agile / Jira training.
- Continued supporting a variety of legacy clinical systems including: McKesson (Allscripts) Lab, Horizon PHS, Horizon HSM, Allscripts Sunrise, 3M CRS, Sunquest Lab / Antrim / CoPath / PowerPath, Nuance Clintegrity, Mediware HCLL, UL Systoc, Abbott Precision Web, McKesson Practice Plus, etc. Clinical application hosted on a mix of Unix(AIX, HP-UX, RedHat Linux, etc)/Windows Server hosts.
- Helped sunset several legacy applications (Sunquest Lab, Sunquest CoPath, Nuance Clintegrity, Horizon PHS, Horizon MSM, McKesson PPM).
- Team lead McKesson Lab v16 upgrade project 2017.
    - Created a variety of scripts/programs to support the new environment that included features such as automated MLab node management via web interface, automatic tblrepl flips on-login, with an Oracle back-end schema to keep track of nodes and user logs. (Using Powershell, Python and HTML/CSS/Javascript/JQuery/Bootstrap/etc)
    - Created interface error capture system – interface errors are piped to a sqlite database and accessed by a (searchable) web front-end. Printing subsystem allows errors to be printed or not-printed per SQL'esque parameters. (Using Python, HTML/Javascript, ASP)
    - Performed all Citrix client installs + configuration
    - Maintained several custom scripts on the Linux application servers (Shell scripting, Perl, Python)
    - Worked with Ascension system engineers + McKesson implementation engineers to design / test / go-live a fully HA-DR compliant McKesson Lab implementation, including a mostly virtual environment (VMWare) with the ability to VMotion live VM's between primary datacenters, plus a VPlex implementation that has eliminated SAN-related downtimes post go-live thus far.

Technical Application Analyst   (Tech-Apps Lab Team)   *- 7/5/2014 to 10/1/2016*

- Worked with vendors, system engineers, network engineers, application analysts and users to setup and maintain clinical software environments.
- Created custom scripting/programs to facilitate solving the unique needs and problems presented by an information systems environment filled with disparate clinical applications that must interact effectively.
- Supported a variety of clinical systems including: McKesson Lab, Horizon PHS, Allscripts Sunrise, 3M CRS, Sunquest Lab / Antrim / CoPath / PowerPath, Nuance Clintegrity, Mediware HCLL, UL Systoc, Abbott Precision Web, McKesson Plus, etc.
- Team lead implementing 3M CRS to replace Nuance Clintegrity
- Regularly performed off-hours maintenance rotations & on-call schedules
- Utilized available documentation and resources to create creative solutions to technical problems.

Application Analyst   (Lab Application Team)   *- 5/5/2013 to 7/5/2014*

- Supported McKesson Lab (aka Horizon Lab aka Allscripts Lab), Sunquest PowerPath(Tamtron), Mediware HCLL, Abbott Precision Web, Data Innovation Instrument Manager, Sunquest Antrim, etc.
- Participated in regular build cycle (new tests, test changes, method changes, etc)
- Participated in several concurrent projects, worked with operational and IS staff to complete objectives within established timelines.
- Integrated in 24/7 on-call schedule within 4 months of hire.
- Utilized available documentation and resources to establish creative solutions to technical problems.

Specialty Screening LLC
Lab supervisor   (Wautatosa, WI)   *- 10/2016 to 8/2018*
Clinical Lab Scientist   (Wautatosa, WI)   *- 2/2016 to 10/2016*

- Provided all aspects of on-site laboratory bench work, IT support and CLIA compliance.
- Supervised last CLIA on-site review (0 deficiencies sited).
- Wrote custom software to facilitate patient result management and reporting (AutoIT + JetDB).
- Ensured all technical aspects of the business were maintained using a minimum of budgetary resources.

Aurora Health Care
Medical Technologist   (West Allis Mem. Hosp.)   *- 5/29/2007 to 5/3/2015*
                                    (Sinai Med Center)   *- 7/13/2012 to 5/3/2015*

- Performed clinical lab testing in accordance with established procedure, regularly rotating through several laboratory departments including:
    - Hematology (automated, differentials, special, etc)
    - Coagulation
    - Chemistry (special, immune, automated, etc)
    - Bone marrow (spec processing, staining, 500 cell differentials, etc)
    - Blood bank
    - Batch Elisa Assay
- Trained 8 different staff members on various benches, both on 2nd shift ACL West Allis, 1st shift ACL West Allis, and 1st shift ACL Sinai.
- Participated in off-the-bench initiatives including biannual LIS calculation validations.
- Volunteered to fill in at Aurora Sinai hospital lab during critical staffing shortage (from June 2012 to May 2015).
- Participated in Sunquest Lab technical training team. Wrote a user training guide for use with new employees and as a reference for current employees for the Sunquest Lab LIS. Utilized at several Aurora Sites.
- Coded a solution to transfer Quantiferon results via USB flash drive from the DSX analyzer to Commercial Lab LIS system. Validated system, nurtured process through test code build changes, created training materials, updated as necessary.

Wheaton Franciscan Healthcare
Clinical Laboratory Scientist   (St. Francis Hospital)   *- 3/8/2004 to 5/5/2013*

- Full time 2nd shift 3/8/2004 to 5/28/2007, 3rd shift Pool to 5/5/2013
- Performed clinical lab testing in accordance with established procedure, regularly rotating through several laboratory departments including:
    - Hematology (automated, differentials, special, etc)
    - Coagulation
    - Chemistry (special, immune, automated, etc)
    - Blood bank
    - Microbiology set-ups
- Key operator Beckman-Coulter hematology analyzers

Education

Northern Michigan University   (Marquette, MI – 12/2003)   Associate degree *(Clinical Lab Tech.)*
Michigan State University   (East Lansing, MI 5/2001)   Bachelors of Science *(Human Biology)*

ASCP certified as a **Clinical Laboratory Scientist (**August 2006) (\w CM certification, expires: 8/2021)

Technology experience

To help prospective employers better understand my technical experience, I've compiled lists of the various technologies I have direct experience utilizing. Please see the Github links below for more information!

Operating Systems
Development Tools
Databases
Network technologies
Clinical Applications
Enterprise/Misc applications

Technical problem solving examples / Soft skills

List of technical examples
Soft skills

References

List of references