

Cheng Thao

(952) 486-9087
✉ ChengThao89@gmail.com
in <https://www.linkedin.com/in/chengthao>
🔗 <https://github.com/mathshop>

Technical Skills

- C# object-oriented concepts
- HTML, CSS, Bootstrap
- .NET MVC
- Javascript
- JQuery
- SQL
- Visual Studio
- SQL Server
- Test Driven Development
- Unit Testing (NUnit)
- Agile Methodologies
- Atlassian tools: Jira, Crucible, Bitbucket

Professional Experience

The Software Guild, Minneapolis, MN

July 2016 – Present

C# .Net Apprentice

- Created applications using C# fundamentals, test driven development, class modeling, and data layering
- Used agile development methodologies along with Jira, Crucibles, and sprint for workflow management and version control
- Ensured robust applications using client and server side validation
- Programmed web applications to display data using ASP.NET MVC, Serialization, and SQL Server
- Exposed to Single Page Applications using Javascript, JQuery, and AJAX
- Performed daily scrum, presentations on code reviews, and technology talks
- Created test driven development and performed validation for console applications using NUnit for unit testing
- Checked in code, created issues, and fixed bugs while committing code using Git to appropriate keys in Jira
- Designed projects using wire-frame, user-stories, and iterative development

Lifecore Biomedical, LLC, Chaska, MN

Sept. 2014 – Sept.2016

Microbiologist I

- Served as a representative for the Quality Control Department for IT requirements and improvements
- Wrote reports and executed software validation protocols for new installations, updates, and changes
- Wrote notifications, microbial identifications, training reviews, and contamination excursions for any above alert or OOT/OOS/OOC limits
- Conducted validation and testing for software systems (IQOQPQ)
- Managed hardware installations, maintenance, and software updates within the Quality Control Department

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- Monitored environmental, personnel and non-viable of ISO 5-8 cleanrooms to meet regulatory compliance such FDA, cGMP, and ISO regulations
 - Performed redline revisions, computer change requests, and change orders for existing documents that require updates to meet Code of Federal Regulations on Electronic Records
 - Responsible for write up of notifications, microbial identification, training review and trending of contamination excursions using SQL in our database management system
 - Performed various microbiological test and reviewed tests performed by peers for raw materials, in-process, and final product samples to ensure quality results

Cargill, Excelsior, MN

Mar. 2014 – Sept. 2014

Research Scientist –Fermentation

- Performed strain characterization using shake flasks and bench scale fermentors
- Optimized media components, experimental parameters and seed inoculum through fermentation experiments
- Managed and operated over eight fermentors
- Prepared batch and media components such as feed, salts, vitamins, and trace elements
- Used various microbiological techniques and instrumentations for fermentation analysis

Land O'Lakes, Arden Hills, MN

Nov. 2013 Mar. 2014

Microbiology Test Technician

- Prepared and performed routine microbiology analysis for the detection of pathogens for clients
- Responsible for creating routine batches in LIMS for sample preparation and transfers/read

Minnesota Valley Testing Laboratories, New Ulm, MN

Dec. 2012 – Aug. 2013

Microbiology Lab Technician

Best Buy, Edina, MN

Nov. 2005 – Aug. 2007

Senior Sales Associate

Education

Minnesota State University, Mankato, MN

May 2013

Bachelor of Science in Biotechnology

Relevant Coursework

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| • Intro to Computer Science I (C++) | • Calculus I, II |
| • Intro to Computer Science II (C++) | • Linear Algebra |
| • Intro To EE/CE | • Computer Science Seminar |