

# JOHNFISHER UCHEM

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**OBJECTIVE:** Looking for entry level Software Development or Computer Science-related *full-time position/ Co-op. or Internship*

**PROFESSIONAL PORTFOLIO URL:** <https://johnfisher22.github.io/myprofile/>

## EXPERIENCE

*May 2025 – Till Date*

**Computer Aided Engineering Detailer/Project Estimator**  
**Missouri Basin Materials, Bismarck, ND**

*Metal Fabrication & Materials supplier for Construction & Engineering*

- Detail rebars in concrete for engineering & construction project drawings.
- Produce shop drawings for structural foundations, walls, footings, panel layouts, concrete slabs, rebars in concretes, buildings and engineering constructions structural layouts.
- Correct redlines, and update drawings.
- Calculate, and estimate accurately, quantity, shapes, weight and sizes of metal rebars in concrete for site projects.
- Produce precision standard shop drawings for shop's metal fabrication that met engineering design specifications approved by clients' engineers.
- Detail project site with ASA Software and CAD.
- Produce detailing reports, rebar list and generate rebar marks for project site.

**Java Intern (Full Time)**

**Revature Inc. - June 2024 - August 2024 (Internship ended)**

- Created efficient application using fundamental & advanced Java programming, & OOPs skills
- Implemented Java Frameworks and created codes that added objects and functionalities to projects
- Designed and linked project application to Database with SQL
- Developed backend with RESTful APIs and Javalin

## Experience Gained

- Developed Spring Social Media Blog API as my project
- Developed programming skills in Java, SQL, RESTful API Construction and Spring Framework
- Implemented project work including construction of functional REST APIs using Test Driven Development methodologies
- Completed 110 Coding Activities
- Showcased understanding of concepts through fourteen (14) evaluations
- Leveraged Java APIs to write algorithms to solve various challenges and problems.
- Created a robust RESTful API to support user registration and login

*June 2019 - Aug 2023 (Back to school for Bachelor Degree)*

**Manufacturing Assembler (Full-time)**

*Excavator & Attachment Assembly Production Lines*

**Doosan Bobcat North America, Bismarck, ND.**

*Excavators & Utility Vehicles Manufacturer*

- Assembled *Snow Blades, Tillers, Sweepers, Combo Buckets, Grapple Forks and Grapple Buckets*
- Performed prep work, mounted cylinders, and other Excavator's sub-housing unit structures
- Positioned, fixed, greased, and mounted Boom & Arm to the Excavator
- Assembled excavator covers, sub units and structures
- Placed decals, and positioned parts according to blueprint.
- Fastened parts together with bolts, screws, speed clips, rivets or other fasteners using hand, air and/or power tools.
- Worked with electronic scanners and processed products parts on computer

*June. 2015 – February 2018 (Got Laid off)*

**CAD Technician (Full time)**

**Missouri Basin Materials, Bismarck, ND**

*Metal Fabrication & Materials supplier for Construction & Engineering*

- Detailed project site with ASA Software and CAD
- Produced shop drawings for structural foundations, walls, footings, panel layouts, rebars in concretes, buildings and engineering construction structural layouts.
- Corrected redlines, and update drawings.
- Calculated, and estimated accurately, quantity, shapes and sizes of metal rebars in concrete.
- Produced standard shop drawings for shop's metal fabrication that met engineering design specifications approved by clients' engineers.
- Produced detailing reports, rebar list and generated rebar marks for project site.

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## EDUCATION

### **NORTH DAKOTA STATE UNIVERSITY, ND.**

**Master Degree - MSE:** Software Engineering - In Progress  
Program Duration: August 2025 - August 2027

### **DICKINSON STATE UNIVERSITY, ND.**

**Bachelor Degree - BSc:** Computer Science  
Graduation Year: May, 2024  
Graduation GPA: 3.4/4.0

### **DICKINSON STATE UNIVERSITY, ND.**

Certificate in Computer Programming  
Graduation Year: May, 2023  
Graduation GPA: 3.3/4.0

### **BISMARCK STATE COLLEGE, ND.**

Graduation Year: May, 2018  
Associate of Science Degree - Computer Science  
Graduation GPA: 3.4/4.0

### **BISMARCK STATE COLLEGE, NORTH DAKOTA**

Graduation Year: May, 2015 & GPA: 3.5  
Associate Degree - Petroleum Engineering Technology, minor  
in CAD Drafting

## COMPUTER SKILLS

**Operating Systems:** Windows, some Unix, Linux

**Web Technologies:** JavaScript, HTML/CSS,

**Programming Languages:** Java, intermediate Python, and Intermediate C++

**Development Tools:** Git, Docker basics, Visual Studio Code, Eclipse, IntelliJ IDEA Community Edition, WordPress, Microsoft Office Suite, Notepad++, Postman, Sublime Text, Android Developers, Adobe Premiere Element, Corel Draw, CAD.

**Frameworks/Libraries:** Java, Spring, REST APIs, Spring Boot

**Databases:** MySQL

**Engineering Design:** AutoCAD, CADworx P&ID, ASA etc

**Graphic Design:** Adobe Premiere Element, Correl Draw, Page Maker, Photo Shop etc

## CERTIFICATIONS

**Oracle Java Foundations Badge -**

**7 Total Hrs.**

**Full Stack Android App. Development:** *Instructor - Mehmet ÖNGEL* - Android Developer -

**5 Total Hrs.**

*View Certificate URL:* <https://www.udemy.com/certificate/UC-7b598ef1-ea87-408c-b694-3445dee15bd2/>

**Docker| Step by Step for Beginners with Sample Project:** *Instructor - Raghav Pal* - Android Developer -

**21 Total Hrs.**

*View Certificate URL:* <https://www.udemy.com/certificate/UC-cf671c85-df10-45fb-9edf-f44150d9b792/>

**Web Dev. with WordPress & Elementor for Beginners:** *Instructors - Marco Perdoni & Chris O'Neill* –

**3 Total Hrs.**

*View Certificate URL:* <https://www.udemy.com/certificate/UC-10cb4b1f-c27c-4a5a-8339-fae1fec5a95a/>

**Learn C++ from Scratch to Advanced:** *Instructor, Umair Khan/ Software Engineer*

**26 total hours**

*View Certificate URL:* <https://www.udemy.com/certificate/UC-c165165c-e6ed-4804-ba46-4030767ec04d/>

**Become a Junior Java Software Developer:** *Instructor - Tim Short* – Software Developer/ Trainer -

**8 Total Hrs.**

*View Certificate URL:* <https://www.udemy.com/certificate/UC-fe7bd62c-a0b1-433c-8ba9-41b75abf50ae/>

**Practical Java Basics Course with Real-life Examples:** *Instructor, Sandor Szekeres/Senior Software Engineer* **4 Total Hrs.**

*View Certificate URL:* <https://www.udemy.com/certificate/UC-2299018f-453a-4244-a588-b15c7d9c7f65/>

## AWARDS

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|---|--|
| • North Dakota Space Grant Consortium Scholarship Award:      | Dickinson State University <i>Spring – 2023 &amp; 2024</i> |
| • Dickinson State University Heritage Foundation Scholarship: | <i>Fall – 2022</i>   |
| • Doosan Bobcat Employee Spotlight of the month               | June 2020  |
| • Recipient of National Science Foundation Scholarship award: | Bismarck State College – 2015                              |
| • Recipient of President's Honor outstanding student award:   | Bismarck State College - (Outstanding student 2014)        |
| • Member of International Honor Society of Phi Theta Kappa.   |  |

**HOBBY:** Coding, creative writing, video & music production & editing, digital design and web contents creation and CAD.

## OTHER PREVIOUS & CURRENT JOB TITLES:

**Customer Service Associate** (*Part-time – Till-date*)

Lowe's Inc. Bismarck, ND - *Home Improvement Company* -

: 2024 – Till Date

**Technical Assistant/Associate Piping Designer** (Full Time - Contract)

URS now AECOM (Consulting Engineering)

: 2014 to 2015 (*Contract ended*)

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