

Quentin Goehrig

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Experience

Modular Medical, Inc

San Diego, CA

SENIOR SOFTWARE ENGINEER

January 2022 – Present

- Designing, building, and maintaining software for the MODD 1 insulin delivery system- including embedded firmware, mobile applications, and internal tools

Dexcom

San Diego, CA

SENIOR SOFTWARE ENGINEER

December 2018 – January 2022

- Designed, built, and maintained a suite of software tools used to support CGM products throughout their lifecycles
- Maintained CI/CD infrastructure for multiple teams
- Lead scrum meetings, onboarded junior developers, and interviewed for open requisitions

Trane

La Crosse, WI

MODELING & SIMULATION INTERN

Oct 2017 – December 2018

- Developed an application for engineers, technicians, and management to expedite commercial HVAC assembly
- Switched the team from SVN to Git and implemented a TFS server for CI

Thomson Reuters

Brookfield, WI

UI/UX SOFTWARE DEVELOPER INTERN

June 2017 – August 2017

- Developed components for an internal UI/UX library to be used across a new wave of Thomson Reuters applications
- Implemented aforementioned library components into two new Thomson Reuters applications
- Hosted developer learning sessions relating to Angular practices

Guidance Software

Waukesha, WI

SOFTWARE ENGINEERING INTERN (UI/UX)

May 2016 – August 2016

- Worked with the R&D team to help develop a Tableau forensic imager

Microsoft

La Crosse, WI

STUDENT PARTNER

November 2015 – May 2016

- Hosted monthly tech workshops and events for students and faculty that have a love for technology

Education

University of Wisconsin-La Crosse

La Crosse, WI

B.S. IN COMPUTER SCIENCE

Sep 2014 – Dec 2018

Skills

Languages: Swift, Kotlin, C#, C, C++, Python, JS / TS, Groovy, SQL

Frameworks/Libraries: QT, SwiftUI, CoreData, .NET, Angular, EF, jQuery

Tools: Git, Docker, Jenkins, SQL Server, Jira, Bitbucket Pipelines

Projects

Magic Mirror

IoT, Electron

A RASPBERRY PI-POWERED SMART MIRROR TO DISPLAY MY EMAIL, TODO LIST, WEATHER, DO MY BIDDING, ETC.

<https://qgoehrig.github.io/articles/2018-08/magic-mirror>

Forestry Conservation Undergraduate Research

Reinforcement Learning

A COLLABORATION BETWEEN THE BIOLOGY AND CS DEPARTMENTS TO CREATE A MODEL THAT SIMULATES THE SPREAD OF THE CHESTNUT BLIGHT FUNGUS

<https://tinyurl.com/y4vqucyx>

Awards

Oct 2017

Local 1st Place - ACM NCNA Programming Contest, Member of the highest ranking local team (UW-La Crosse)

La Crosse, WI