

Michael Knoedel

For a better picture, visit mknodel.com for my portfolio for links to my work

7453 W. Valley Ridge Dr.
Madison, WI 53719
(515) 710-5480
mknodel@gmail.com

PROFESSIONAL EXPERIENCE

Epic Systems, Madison, WI — *Technical Support and Developer*

DEC 2015 - JAN 2017

Designed and maintained software to fit complex healthcare workflows by leading customer calls and working with other teams to come up with integrated solutions

Led ambulatory maintenance for multiple healthcare organizations whose responsibilities include documentation of all outpatient clinical orders, injection administrations, medical problem documentation, historical recordkeeping, charging and billing, and population health big-data gathering and reporting

Programed and maintained code in Caché client-server applications for the industry leading integrated electronic health record

Washington University School of Medicine, St. Louis, MO — *Undergraduate Research Assistant*

MAY 2012 - JAN 2014

Designed, machined, and developed code for a microscope, named SOFI, that had the ability to capture the fluorescence change of a protein with high accuracy during a heartbeat. Code written in MATLAB

EDUCATION

Washington University in St. Louis, St. Louis, MO — *B.S. Mechanical Engineering*

- Minor in Robotics

AUG 2011 - MAY 2015

INDEPENDENT PROJECTS

PerchPal.com, In Construction — *Creator and Administrator*

Social Media site for connecting friends together over purchases
Site still in progress, [RESTful API documentation site](#) is online

DemoNorthwind.com, [Link](#) — *Creator and Administrator*

Demo to be used as a tutorial for full stack development - [Repo](#)

TECHNICAL EXPERIENCE

TypeScript, JavaScript,
Angular 2+, node.js,
SQL, PostgreSQL, express.js,
HTML, SASS, CSS,
Caché, Visual Basic,
M, MATLAB

EXTRA COURSEWORK

Teaching Adult Education

Epic - needed to become a certified specialist trainer

Project/Conflict Management

Trained professionalism in a business environment

3D Design

Experience in multiple CAD softwares - [portfolio link](#)

Epic Certifications

Have over 10 application certs

INTERESTS

Construction

Assisted or managed structures for Habitat for Humanity and Thurtene

Ultimate Frisbee

Playing on multiple teams

Camping and Rock Climbing

Studied abroad in New Zealand and, after leaving Epic, I attempted to start my own rock climbing gym