|  |  |
| --- | --- |
| Michael Knoedel  For a better picture, visit mknoedel.com for my portfolio for links to my work | 7453 W. Valley Ridge Dr.  Madison, WI 53719  **(515) 710-5480**  **mknoedel@gmail.com** |
| PROFESSIONAL EXPERIENCEEpic 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 EDUCATIONWashington University in St. Louis, St. Louis, MO — B.S. *Mechanical Engineering*  * Minor in Robotics  AUG 2011 - MAY 2015INDEPENDENT PROJECTSPerchPal.com, In Construction — *Creator and Administrator* Social Media site for connecting friends together over purchases  Site still in progress, [RESTful API documentation site](http://docs.perchpal.com/) is online DemoNorthwind.com, [Link](https://northwind.navinpathak.com/) — *Creator and Administrator* Demo to be used as a tutorial for full stack development - [Repo](https://github.com/navingator/northwind-web-test) | 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 |