

# Tyler Harvey

## Software Developer

### Contact

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Atlanta, GA  
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### Education

Bachelor of Science  
Electrical Engineering  
Milwaukee School of Engineering  
2003 - 2008  
Milwaukee, WI

Master of Business Administration  
General Management  
University of Wisconsin – Madison  
2010 – 2013  
Madison, WI

### Skills

JavaScript  
React  
Express  
Node  
HTML/CSS  
REST APIs  
NoSQL  
SQL  
Python  
VB  
PLC/HMI

### FCC Certificates

Responsive Web Design  
JS Algorithms and Data Structures  
Front End Libraries  
Data Visualization  
Back End Development and APIs  
Scientific Computing with Python  
Quality Assurance  
Data Analysis with Python  
Information Security  
Machine Learning with Python

### Career Objective

Seeking a job opportunity as a software developer. I am a driven engineer with a proven history of engineering success, learning aptitude, and technical leadership. I wish to work with a diverse team to develop software best practices and utilize my leadership experience to contributing to the company's vision and goals.

**Portfolio:** <http://tylerfharvey.github.io>

### Additional Projects

#### Ecochlor Operational Reporting

Tech Stack: Python, Numpy, Pandas, Bokeh  
Process periodic operational information and plot data, allowing inferences of system operation and troubleshooting.

#### TowBro Header 3D Assembly Generation Program

Tech Stack: Autodesk Inventor API, VB  
Integrate existing design program outputs to create 3D assemblies and 2D production drawings for circular clarifier header.

### Experience

#### Caterpillar

Alpharetta, GA

Contract Project Engineer

Aug 2021 – Present

#### Ecochlor

North Haven, CT

Technical Manager

Jun 2018 – Jul 2021

Senior System Engineer

Jun 2016 – Jun 2018

Electrical Engineer

Jun 2014 – Jun 2018

#### Macton

Oxford, CT

Senior Electrical Engineer

Jul 2013 – Jun 2014

#### Konecranes

New Berlin, WI

Electrical Engineer

Sep 2011 – Jun 2013

#### Siemens Water Technologies

Waukesha, WI

Electrical Engineer

Jan 2011 – Aug 2011

Business Process Engineering Specialist

Jan 2008 – Dec 2010