

## Contact

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✉ cshutchinson@gmail.com  
🌐 www.twilightfactor.com  
☎ (720) 980-1526  
📍 Erie, Colorado 80516  
🐦 twlthfactor  
🌐 cshutchinson1  
📱 cshutchinson

Eager to leverage my career experience in engineering, accounting, and management to make great software in an agile, team-based environment.

## Skills

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JavaScript  
Node.js  
React  
Git  
Github  
Express JS  
MongoDB  
AngularJS  
PostgreSQL  
HTML5  
TDD  
Project Management  
Web Development  
Leadership  
Management  
Process Improvement  
CSS  
jQuery

## Education

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Clemson University  
BS Electrical Engineering 1996

Galvanize Full Stack Development  
October 2015 - March 2016

MongoDB University  
M101JS - MongoDB for Node.js Developers

Francis Marion University  
BBA Accounting 1994

## Employment

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HEI, Inc. 2005 to 2014  
President  
Developed systems and procedures to support operations and enhance accounting, procurement, production scheduling, and human resources functions. Advanced business operations through continuous improvement of product design, manufacturing processes, quality control, and customer service.

First Reliance Bank 2001 to 2005  
VP Information Technology & Operations  
Facilitated 400% company growth through the implementation of IT solutions that I designed and developed. Improved operational efficiency through troubleshooting systems, writing system policies and procedures, and directing IT staff. Integrated and managed vast array of technologies including AS/400 hardware, OS/2 control systems, and CRM systems.

Takata Restraint Systems, Inc. 1999 to 2001  
Design Engineer  
Design and implementation of production line equipment to meet new product manufacturing needs by identifying and purchasing required components, creating electrical schematics in AutoCAD, wiring and programming electronic control systems, and setting up real-time data acquisition.

## Projects

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Transcendent Pathways  
Designed the application to connect San Francisco musicians with hospitals for paid patient performances funded by the non-profit organization. A Node, Express, and MongoDB app with React views.  
<https://transcendentpathways.herokuapp.com>

Fly-Buy  
The Fly-Buy app was written to show users how much their peers paid for a ticket on a given flight, and by extension, the information one needs to know whether or not they paid too much. Usability features include automatic form population for airports and airlines, null-use case handling, table sorting features as well as a clean, clear, and navigable interface. Incorporated NVD3 Angular library, Pivotal Cloud Foundry, Express, PostgreSQL, and SASS.  
<https://fly-buy.cfapps.io>

Stock Kings  
Project allows the user to day trade any of the S&P100 stocks in a contest fashion. Each day at 4pm all net user positions are processed for a net profit / loss for the day. Throughout the day, a user can compare their performance to other traders. Each day at market close, the user's cash balance is reset to \$10,000 and preparations made for the next business day's trading.  
<https://stock-kings.firebaseio.com>

## Volunteering

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FLL / First Lego League · Robotics Competition Judge 2014 to 2015  
Worked as a certified volunteer with First Lego League