Jonathen Akens

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***Degrees***

**Indiana State University Terre Haute, IN**

*B.S. Computer Engineering Technology; Minors in Computer Science and Electrical Eng.*

* *IEEE and ISA student chapter 2014-2016*

***Professional Background***

**Walmart Terre Haute, IN**

*Customer Service Manager, Sales Associate July 2017-Present*

* Managed inventory on the sales floor for the customers.
* Managed everything up front including the customer service desk, registers and self checkouts as well as improved customer satisfaction rates.
* Managed hot bar inventory while adhering to food safety measures. Helped customers as they came up to the counter.

**UNILOA - Indiana State University Terre Haute, IN**

Developer July 2017 - Aug 2017

* Worked with a small team to develop a custom survey application for the University Learning Outcomes Assessment Organization.
* Designed and implemented a full stack web application using Javascript and PHP that provided real time evaluation of user outcomes.
* Combined fragmented spreadsheet data sets into a single MySQL data set.
* Managed the web server and created a simple method of managing data from multiple subdomains in order to maintain a complete data set.

**Indiana State University Terre Haute, IN**

*Undergraduate Research Assistant Jan. 2013 - Aug. 2016*

* Designed microcontroller shields in order to connect and capture data from the temperature and crankshaft position sensor of a LS2 engine. Conducted experiments and designed algorithms to convert analog data from the sensor to digital data which could be manipulated.
* Graded assignments and held TA hours in order to assist students with problems.
* ***Publication:*** “Improving Teaching Effectiveness of Automotive Sensing and Communication using Customized Signal Conditioning Circuits.” 2016 ATMAE Conference Papers, 308-315.

***Skills***

Python, Java, C, Javascript, SQL, MySQLi, PHP, NodeJS, Django, ExpressJS, Electron, Arduino C, HTML, CSS, C++, C#, Wireshark, .NET Core, Microsoft Office Suite, Microsoft Excel, Microsoft Word, Microsoft Powerpoint