Jack H. Murphy

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Senior in Software Engineering at Iowa State University with an interest in Web/Application development.

Skills

- Work with Java/JavaScript projects
- Android Application Development
- Full Stack Web Development

- Languages: Java, C, Python, HTML, CSS, PHP, JavaScript, SQL
- Worked directly with clients for web development

Experience

MAY 2018 – AUG 2018

Java Programmer/Analyst Intern / Oriental Trading Company, Omaha, NE

Supported multiple systems which includes coding, implementing, and maintaining the following systems: order entry; order fulfillment/distribution center/shipping; inventory; finance; merchandising; marketing; e-Commerce.

MAY 2016 – DEC 2017

Student Web Developer / Iowa State University, Ames, IA

Maintained and developed websites within the College of Human Sciences. Development was mainly done in PHP with Wordpress. Worked directly with clients to develop best possible solutions for web applications.

MAY 2017 – JUL 2017

Software Engineering Intern / KMJ Performance, Story City, IA

Set up a development environment for testing the website off production. Gained experience developing an e-commerce website

MAY 2015 – JUL 2015

Software Development Intern / Cambium Networks, Rolling Meadows, IL

Learned about basic networking principles in the TCP/IP protocol. Worked directly with the latest radio products. Experienced working with a software team to collectively solve problems.

Education

DECEMBER 2018

BS in Software Engineering / Iowa State University, Ames, IA

Minor: Athletic Coaching. Involved with The Salt Company

Projects

IT Ticketing System

- Web application IT department used to better manage the ticketing system already in place
- Easy to follow design and independent database allowed for quick implementation

Android Time Saver App

- Worked with a team to develop an android application to promote productivity.
- Gained experience with Android's services, alarms, and database communication

Asset Management – Financial Factor Discovery

- Worked as part of a team to develop machine learning models for financial factor analysis
- Researched K-Nearest Neighbors and Recursive Feature Elimination with Python