

# ERIN ESCO

## SOFTWARE ENGINEER

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## EXPERIENCE

**SOFTWARE ENGINEER II** | MARCH 2018 – PRESENT

**SOFTWARE ENGINEER I** | MAY 2017 – MARCH 2018

WAYFAIR | BOSTON, MA

Full stack engineer on storefront landing experiences team. Architected, implemented centralized modal controller to reduce unwanted modal appearances site wide. Pitched, championed, architected and helped implement a style quiz where customers could discover their furniture style. Consistently working on the largest technical projects while maintaining the highest velocity. Formal mentor for others on team and a summer intern, code reviewer, stability captain, technical interviewer.

### INTERN / STUDENT

WORCESTER POLYTECHNIC INSTITUTE | SEPTEMBER 2016 – MAY 2017

Created and implemented a machine learning platform for fraud detection using Apache Spark and Hadoop in collaboration with ACI Worldwide and Worcester Polytechnic Institute.

### SOFTWARE ENGINEER INTERN

WAYFAIR | BOSTON, MA | SUMMER 2016

Utilized PHP MVC framework, modular JavaScript framework, and mustache templates to build customer facing features for favorites platform. Created an internal tool to identify and resolve inconsistencies across four data sources (Database, Redis, Memcached, Solr) to ensure accurate product information was displayed on storefront.

### CLIENT SUPPORT ENGINEER INTERN

AMAZON ROBOTICS | NORTH READING, MA | SUMMER 2015

Tested, deployed shell scripts to automate maintenance tasks resulting in a projected fifteen percent decrease in tickets assigned to the support team. Created a dashboard by utilizing an alternative data pipeline and developing a front end to instantaneously display client data to allow for a projected decrease of eight hours of engineers' time per week.

### RESEARCH & DEVELOPMENT DNA SEQUENCING INTERN

THERMO FISHER SCIENTIFIC | GUILFORD, CT | SUMMER 2014

Worked extensively with DNA sequencing technology, from laboratory work to signal processing, to develop efficient and accurate analysis methods and scripts. Used MATLAB and knowledge of laboratory and machine procedures to extract insightful data and produce informative graphs. Presented final conclusions and recommended direction to company.

## EDUCATION

WORCESTER POLYTECHNIC INSTITUTE | WORCESTER, MA | CLASS OF 2017

B.S. in Computer Science, High Distinction, GPA: 3.9/4.0

## SKILLS

PHP | JavaScript | React | Redux | Python | C | Java | MySQL | CSS | HTML | Git |  
Machine Learning | Operating Systems | Object Oriented Design | MVC | Code Review