ERIN ESCO

me@erines.co | 207-232-6672

100 Institute Rd, Mailbox #136, Worcester MA 01609

EDUCATION

Worcester Polytechnic Institute   08/2013 - *Present*
  B.S. in Computer Science, minor in Mathematics, Expected in 2017
  GPA: 3.89/4.0, Dean's List

PROJECTS & WORK EXPERIENCE

Worcester Polytechnic Institute • Worcester, MA   08/2016 - *Present*
Intern / Student
  Implementing machine learning algorithms for fraud detection using Apache Spark and Hadoop in collaboration with ACI Worldwide and Worcester Polytechnic Institute.

Wayfair • Boston, MA   Summer 2016
Software Engineer Intern
  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.

Amazon Robotics • North Reading, MA   Summer 2015
Client Support Engineer Intern
  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.

Thermo Fisher Scientific • Guilford, CT   Summer 2014
Research & Development DNA Sequencing Intern
  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, requiring comprehensive understanding, to extract insightful data and produce informative data structures. Presented final conclusions and recommended direction to company.

Worcester Polytechnic Institute • Worcester, MA   08/2013 - *Present*
CMS Web Assistant
Updating, maintaining content for the WPI website.

SKILLS & COURSEWORK

PHP • JavaScript • Python • C • Java • MySQL • MATLAB • CSS • HTML • Version Control • Artificial Intelligence • Software Engineering • Web Development • Operating Systems • Object Oriented Design

LEADERSHIP

Alpha Phi International Fraternity • Chapter President   11/2013 - *Present*
Upsilon Pi Epsilon, Computer Science Honor Society • Active Member   12/2015 - *Present*