KAYL A. WALTON

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EDUCATION

Indiana University
Masters in Computer Science   Bloomington, IN
Cumulative GPA: 4.0   May 2019

Indiana University
Bachelor of Science in Computer Science   Bloomington, IN
Bachelor of Science in Mathematics   May 2018
Cumulative GPA: 3.8

EXPERIENCE

LexisNexis Risk Solutions   Martinsville, IN
Software Engineering Intern   May - July 2018
- Developed data retrieval web pages with ASP.NET MVC framework
- Integrated SQL server into web application using Entity framework
- Implemented bug fixes in production code base
- Created thorough unit and integration testing for web services
- Designed live reports in Telerik to be served in web application

LHP Engineering Solutions   Columbus, IN
Engineering Intern   May - Aug. 2017
- Developed framework to stream live data from autonomous car
- Designed and implemented website for LHPU Autonomous Project
- Created embedded message processing algorithm
- Prototyped future autonomous vehicle objectives
- Supported development of vehicle navigation algorithms
- Applied machine learning to factory machinery fault analysis

Indiana University School of Informatics and Computing   Bloomington, IN
Associate Instructor   Sep 2018 - Present
- Lead interactive lab portion of course
- Graded and administered homework, quizzes, and exams
- Communicated core computer science subjects to students

Indiana University   Bloomington, IN
Undergraduate Instructor   Aug. 2016 - May 2018
- Assisted instruction of Math and CS department courses
- Mentored students in various mathematical and technical subjects
- Assessed and provided feedback on homework, quizzes, and exams

RELEVANT EDUCATION
- B461 - Database Concepts
- B403 - Algorithm Design and Analysis
- C343 - Data Structures in Computer Science
- B565 - Data Mining

TECHNICAL SKILLS

Languages: Java, C++, C#, JavaScript, Python, GoLang, R, Lisp
Frameworks: ASP.NET MVC, Express, React, Materialize CSS, TensorFlow
Tools: Docker, Git, JQuery, D3, Node, Webpack, Babel, Gulp, SQL Server, Mongo-DB, Postgres
Miscellaneous: Android development tools, XML, HTML/CSS, Microsoft Excel