RYAN FEHR

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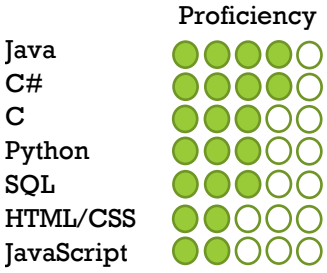
EDUCATION

BS COMPUTER SCIENCE
DEC 2018 • INDIANA UNIVERSITY
3.97/4.0 GPA
C343 Data Structures and Algo.
C461: Database Algorithms
C291: System Programming with C and Unix
C335 Computer Structures in C
C211: Calculus I
C241: Discrete Mathematics
M303: Linear Algebra
D191: Design studies

MINOR BUSINESS
DEC 2018 • INDIANA UNIVERSITY
G300: Economic strategy and game theory

SKILLS



EXPERIENCE

84.51 • APPLICATION DEVELOPMENT
MAY 2017-AUGUST 2017 (3 MONTHS)
-I will be building data analytic tools in Java to help data scientist better test their code and validate their data

INDIANA UNIVERSITY • TECHNICAL INTERVIEW ASSISTANT
MAY 2017-AUGUST 2017 (3 MONTHS)
- Conduct and execute technical interviews for graduate and undergraduate students. Sole technical interviewer at Indiana University.

HUMANA • DATABASE AUTOMATION AND SERVICES ENGINEER
AUGUST 2016-JANUARY 2017 (6 MONTHS)
- Implemented a scalable parallel processing solution in C# for collecting data on SQL servers containing 4+ petabytes of data (based on a design I built during my internship)
- Cut data collecting times by 90% and provided a linearly scalable solution

HUMANA • DATABASE AUTOMATION AND SERVICES INTERN
MAY 2016-AUGUST 2016 (3 MONTHS)
- Designed a replacement to multi-threaded collectors that was scalable and alleviated deadlocks using C#
- Built recovery plan for database encryption keys for SQL Servers enterprise wide
- Worked on an agile team developing a web application in the MVC4 model and .NET framework implementing 110+ production features and bug fixes

KINDRED • APPLICATION DEVELOPMENT INTERN
JULY 2014 (1 MONTH)
- I worked on developing a IOS app using Xamarin studio to market Kindred to future nurses

PROJECTS

NavBot | Autonomous Robot
- NavBot is a robot I created that navigates its environment based on light, sound, and touch using C as the programming language.

Tetris | C Unix Game
- This is a version of Tetris that runs through the console

Pi-Nigma | Raspberry Pi
- Recreation of the enigma machine from WWII using a raspberry pi and Python

SquareTouch | Android app
- Square touch is a tile based reaction game I am currently building using Android Studio