Courtney Fay

Software Engineer

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SUMMARY

Software Engineer with 3.5 years of technical experience in finance and healthcare industries. Skilled in web development, machine learning, data analysis, and data visualization.

SKILLS

JavaScript   Node   Express   SQL   Vue   HTML5/CSS3   C#   D3

EXPERIENCE

Associate Software Engineer, *IHS Markit*, Boulder, CO   Apr 2018 – present
· Serve clients that represent 85% of the Fortune Global 500
· Independently build Vue UI components, and custom Node APIs that gather existing internal data
· Collaborate closely with two developers, tech lead, scrum master, designer, QA, and client
  representative, to meet tight deadlines for 2 concurrent enterprise-level web page redesigns
· Use SQL queries to create new table, migrate data to it in production and update certain data points
· Debug and provide bug fixes for existing codebases in C#/.NET, ASP, jQuery, and AJAX as needed
· Organize social events, such as monthly happy hours, weekly coding lunches & volunteering days

Web Development Student, *General Assembly*, Denver, CO   Sept 2017 – Dec 2017
· Utilized machine learning APIs: IBM Watson Conversation, Google Natural Language Processing -
Entity/Sentiment Analysis, Google Vision - Image Content Analysis/Optical Character Recognition

Technology Teacher, *Denver Center for International Studies*, Denver, CO   Aug 2016 – Jun 2017
· Taught 450 middle school students how to create their own Samsung apps using MIT App Inventor

SQL Data Analyst, *Fairfax Family Practice Center*s, Fairfax, VA   Aug 2013 – Dec 2015
· Owned, developed and delivered automated monthly report to 400 users using SQL, Excel and SSIS
· Developed 50 new alert features for C# decision support app using test driven development (TDD)

Technology Integration Facilitator, *Qatar Academy*, Doha, Qatar   Aug 2012 – Jun 2013
· Led weekly, personalized training to help 10 STEM teachers integrate new tech tools into classrooms

PUBLIC SPEAKING EVENTS

· **Denver Vue.js Meetup** Co-presented on D3 and Vue with GA classmate, Ryan   Sept 2018
· **DenverScript Meetup** Presented on custom Natural Language Processing (NLP) algorithm   Nov 2017

EDUCATION

General Assembly, *Web Development Certificate*, Denver, CO   Sep 2017 - Dec 2017
University of Virginia, *M.Ed., Instructional Technology*, Charlottesville, VA   Aug 2010 – Dec 2011
University of Virginia, *B.A., English Literature*, Charlottesville, VA   Aug 2006 – May 2010