

Courtney Fay

Front-End Web Developer

Denver, CO

🌐 www.courtneyfay.com

✉ fay.courtney@gmail.com

SUMMARY

- 2.5 years of experience in data analysis, data visualization, and report automation
- Diverse industry experience, including healthcare, international education, and government
- Articulate and approachable; enjoys translating technical concepts for end-users and stakeholders
- Passionate about natural language processing (NLP), machine learning and artificial intelligence (AI)

SKILLS

HTML5 CSS3 JavaScript React Angular 4 Bootstrap Three.js SQL

PROJECTS

Jokebot, Spruce Labs, Denver, CO Jan 2018

- Developed React chatbot that responds to user input with a joke using IBM Watson Conversation API
React components | JSX | Inline CSS styling | Flexbox | Webpack | Express.js | Node.js | Heroku

Race Cube, General Assembly, Denver, CO Dec 2017

- Utilized cutting-edge 3D library and physics engine to create Mario Kart-style racing game
Three.js | Physijs | EJS templating | AJAX | Express.js | Node.js | Sequelize | PostgreSQL | Heroku

Swipebite, General Assembly, Denver, CO Nov 2017

- Architected data flow for app that gives directions when users swipe right on images of nearby food
Angular 4 | Passport authorization | Express.js | Node.js | Sequelize | PostgreSQL | Heroku

BookMe, General Assembly, Denver, CO Oct 2017

- Developed app that analyzes entity and sentiment of book excerpts to recommend new reads
- Presented on Natural Language Processing (NLP) algorithm at November 2017 DenverScript meetup
Bootstrap | JavaScript | jQuery | AJAX | Node.js | Selenium | Mongoose | MongoDB | Mocha

EXPERIENCE

Technology Teacher, DCIS Montbello, Denver, CO Aug 2016 – Jun 2017

- Managed computer science projects for 450 middle school students using MIT App Inventor

SQL Data Analyst, Fairfax Family Practice Centers, Fairfax, VA Aug 2013 – Dec 2015

- Owned, developed and delivered automated monthly report to 400 users using SQL, Excel and SSIS
- Planned and coded 50 new alerts for C#/.NET decision support app using test driven development

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

Curriculum Designer and Instructor, EXPLOR@Yale, New Haven, CT Jan 2012 – Jul 2012

- Planned and refined 45 lessons for 3 unique courses, and taught it to 100 gifted high school students

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, Charlottesville, VA Aug 2006 – May 2010