

Dennis Ries

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LinkedIn: <https://www.linkedin.com/in/dennis-ries/>

Github: <https://github.com/dtries> | Website: <https://dtries.github.io/Portfolio/index.html>

SUMMARY

Genuine, versatile Full Stack Web Developer and former university professor with an enveloping enthusiasm for coding and integration of technologies that cut through complexity. Effective at combining an iterative approach with intuitive leaps to create innovative, value-added solutions. Aims to build superbly-crafted, web-based applications that engender exceptional client, company interaction.

TECHNICAL SKILLS

HTML5, CSS3, JavaScript, jQuery, Bootstrap, Materialize, AJAX, Node.js, Express.js, React.js, Database Theory, MongoDB, MySQL, Command Line, Git, Github, Firebase, computer science fundamentals, writing tests, Mongoose.js, JSX, Passport.js, Bcrypt.js, Axios, MATLAB

PROJECTS

Fledgling Fitness | Site: <https://fledgling-fitness.herokuapp.com/>

Role: *Full-Stack Developer* | Github: <https://github.com/dtries/fledgling-fitness>

Mobile friendly, exercise planning and tracking for individuals beginning a fitness journey.

- Application obtains registration and baseline fitness information, plans and updates exercise targets from user input, and provides progress information.
- HTML5, CSS3, JavaScript, MongoDB, Express, React, Node, Github, Heroku

Get Out and Explore | Site: <https://dtries.github.io/Project-1/>

Role: *Front-End Developer* | Github: <https://github.com/dtries/Project-1>

Encourages active exploration of a community through discovery of interesting events.

- Application requests, merges, and displays event and weather information obtained from separate API sources in a simple and elegant UI/UX. Group project wherein my core responsibilities included: API queries and data retrieval, UI/UX for API queries, and combined data display.
- HTML5, CSS3, JavaScript, jQuery, AJAX, Bootstrap, Materialize, Moment.js, Github

Science News Scraper | Site: <https://mighty-inlet-33800.herokuapp.com/>

Role: *Full-Stack Developer* | Github: <https://github.com/dtries/FriendFinder>

Obtain and comment on cutting edge information from the journal *Science*.

- Application scrapes news article items from the *Science* website and presents the article title, author, publication date, and title image in formatted cards. Each article card provides a link to the articles or remove the article card as well as an option for the user to write or delete notes related to each article.
- HTML5, CSS3, Express, Node, Path, JavaScript, jQuery, Materialize, Github, Heroku

RELEVANT EXPERIENCE

University of Colorado-Anschutz Medical Campus – Aurora, CO

Laboratory Manager, 2017- 2018

Selected Accomplishments:

- Developed spreadsheet algorithms for participant recruitment tracking and scheduling that improved efficiency by approximately 25%.
- Generated effective data visualizations appearing in national/international conference presentations and published in peer reviewed, scientific journals.
- Devised queries for and posted data to multifaceted project database

Fort Hays State University – Hays, KS

Department Chair, 2016- 2017

Selected Accomplishments:

- Active member of a campus wide website reengineering committee tasked with design of an engaging UI/UX experience scalable by user type and role.
- Developed custom computer programs and UI/UX in MATLAB for research in psychological acoustics resulting in presentations at national conferences.
- Secured over \$70,000 in competitive funding for department technological updates

University of Colorado-Boulder – Boulder, CO

Adjunct Faculty/Research Contractor, 2014- 2016

Selected Accomplishments:

- Reviewed computer code for research projects to assist in debugging activities.
- Employed novel, custom software adaptations of traditional, paper-based tests to decrease data collection and entry time while increasing scoring accuracy.
- Audited database entries for quality assurance

Ohio University – Athens, OH

Faculty, 2004- 2016

Selected Accomplishments:

- Composed computer code and UI/UX for research resulting in 18 publications in scientific journals and of 23 presentations at international/national conferences.
- Mentored students in fundamental MATLAB coding for hearing research.
- Coded UI and programs for cross-disciplinary research on auditory localization cuing in alternative augmentative communication resulting in publication and presentation.

EDUCATION

University of Denver, Denver, CO – Full Stack Web Development Intensive Program

University of Minnesota, Minneapolis, MN – Ph.D., Communication Sciences and Disorders

University of Minnesota, Minneapolis, MN – M.A., Communication Sciences and Disorders

University of Minnesota, Minneapolis, MN – B.A., Speech Communications