

### About Me

Enthusiastic software architect specializing in JavaScript web application development and rich UI design. Check out my portfolio at [portfolio.drewjex.com](https://portfolio.drewjex.com).

### Top Skills

**JavaScript (ES6+)** web application development

- React, Babel, Webpack
- NodeJS, NPM, Express

**UI Design/Development**

- Mobile and Web Design
- SASS, HTML, CSS
- Responsive Design

**.NET** development

- C#, WPF
- MVVM framework
- Visual Studio

**PHP** back end development

- MySQL, SQL Server, MVC

### Experience

**Software Engineer** · SkyWest Airlines · May 2017 - Present

Built and revamped critical JavaScript web applications, improving performance and load-time by 30%.

Trained and led employees on best practices in MVVM architecture and building reusable front end components.

**Lead Full-Stack Web Developer** · BYU Campus Life · July 2014 - April 2017

Led the design, development, and deployment of 10+ high-priority web apps spanning several departments.

Improved performance and design for high-traffic event-ticketing site exceeding 40,000 users.

Interacted directly with clients to design and develop high-quality UI interfaces for both web/mobile devices.

**Software and Desktop Support Volunteer** · LDS Church · July 2013 - December 2013

Designed and developed flexible, multilingual web applications used by church members in 5+ countries.

Oversaw deployment of supply-management application, streamlining delivery operations and minimizing errors.

**Web Developer** · BYU Health & Human Performance Services · July 2011 - May 2012

Responsible for spearheading development of complex online reporting system in HTML and JavaScript.

### Education

**B.S. from Brigham Young University:** Computer Science (April 2017)

Dean's List BYU College of Physical and Mathematical Sciences

Awarded ORCA Research Grant for development of cutting-edge music-generating software

### OpenSource Projects · [github.com/drewjex](https://github.com/drewjex)

**MusicMaker** · [github.com/drewjex/MusicMaker-v2](https://github.com/drewjex/MusicMaker-v2)

- Spontaneously generates music in 3 seconds or less by analyzing patterns in other music.

**Portfolio** · [github.com/drewjex/Portfolio](https://github.com/drewjex/Portfolio)

- Repo for my personal portfolio site; built with React and hosted by Netlify.

**Custom WPF components** · [github.com/drewjex/WPFComponents](https://github.com/drewjex/WPFComponents)

- Custom front end and back-end components built for WPF and .NET development.