

# Mason McIntyre

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## Skills

**Javascript:** ES5/6, [TypeScript](#), [React](#), [Node.js](#), [Express](#), [Socket.io](#)

**Database:** [PostgreSQL](#), [Firebase](#), [MySQL](#), [Microsoft SQL Server](#), [RethinkDB](#)

**Other:** [Scala](#), [AWS](#), Linux, Git, [Cypress](#), [Docker](#), [Capacitor](#), [Jenkins](#), [NGINX](#), [SCSS/CSS3](#), [Python](#), [Java](#)

## Education

B.S. Computer Science, [Wilkes University](#), 2015

## Experience

*Lead Software Engineer, Disney Streaming*, Oct 2022 - Present | [dmedmedia.disney.com](https://dmedmedia.disney.com)

*Senior Software Engineer, Disney Streaming*, Nov 2021 - Oct 2022

*Software Engineer, Disney Streaming*, Mar 2020 - Nov 2021

DSS, a technology subsidiary of [The Walt Disney Company](#), that works on Disney+, ESPN+, Star+, & Hulu

- Lead engineer with five direct reports
- Develop & maintain the company's customer service (CS) tool, using [React](#), [TypeScript](#), & [CSS3](#)
- Create & maintain REST servers using [Scala](#) + [Play](#) & [Scala](#) + [http4s](#)
- Architect systems with [AWS](#) infrastructure, & promote code changes with [Jenkins](#) Pipelines
- Lead on CS agent change history tracking, using [AWS Kinesis](#), [AWS Aurora](#) + [PostgreSQL](#), & [Scala](#)
- Lead on Continuous Testing effort, using [Cypress](#), [Docker](#), & [Jenkins](#) pipelines
- Initiate & coordinate team education sessions that promote culture, innovation, & collaboration

*Software Engineer, Shift4*, Jan 2020 - Mar 2020 | [shift4.com](https://shift4.com)

Shift4 is a payment processor that specializes in commerce solutions

- Worked on the Harbortouch project, an app written in [Ember.js](#)

*Software Engineer, A I Labs*, Feb 2019 - Jan 2020 | [advisorinnovationlabs.com](https://advisorinnovationlabs.com)

A I Labs enhances the relationship between financial professionals & their clients

- Develops REST-API endpoints, in [Node.js/Express](#) & [Java/SpringBoot](#)
- Maintained apps using [React](#) & [Node.js/Express](#)
- Implemented job queuing system, using [Bull Queue](#)
- Created bidirectional messaging between servers & the web client, using [Redis](#) & [Socket.io](#)
- Integrated [Capacitor](#) to deploy [PWAs](#) on iOS, Android, & the Web, with single code base

*Software Engineer, Goji Systems*, Feb 2018 - Feb 2019 | [gojikiosk.com](https://gojikiosk.com)

Goji designs, creates, & deploys "Self Ordering Kiosk for Restaurants & Fast Food"

- First salaried employee responsible for development & server operations + code promotion
- Developed REST-API endpoints in [Node.js/Express](#)
- Contributed to multiple front-end applications, written in [Angular 2+](#), [Angular Material](#), & [PrimeNG](#)
- Implemented bidirectional message queuing system, using [Redis](#) & [Socket.io](#)

*Software Developer, Victaulic*, Sep 2016 - Feb 2018 | [victaulic.com](https://victaulic.com)

Victaulic is a global manufacturing leader of mechanical pipe joining & pipe union products

- Managed & maintained SharePoint Online Intranet, which services 3,500+ employees
- As lead developer, worked directly with vendor to refactor in house JavaScript libraries & optimize existing code base; SharePoint page load time was decreased by over 50%
- Introduced many development operations (i.e. Git/[GitHub](#) & [Done Issue Tracker](#))

*Jr. Web Developer, Liquid Interactive*, Nov 2015 - Sep 2016 | [liquidint.com](https://liquidint.com)

- Redesigned & maintained up to 25 websites for world-renowned organizations, such as [Volvo](#), [Mack Trucking](#), [Martin Guitar](#), [Celestron](#), [Penske](#), & [Victaulic](#)

## Internships

**Baseball Info Solutions**, June 2015 - November 2015 | [baseballinfosolutions.com](https://baseballinfosolutions.com)

**TrailKam**, January 2015 - June 2015

**BrainRush**, May 2014 - November 2014