

# Brandon Roehl

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An engineer with a breadth of languages and frameworks under my belt and a depth of knowledge in the science behind programming, so I can be an artist in development, creating what I can be proud of.

## Technical Skills

**Languages** Swift, Golang, Java, Regex, SQL, GraphQL, Ruby, TypeScript, HTML, Sass, Haskell

**CI/CD** Jenkins, GitHub Actions, Bitbucket Pipelines, Cloud, CodePipeline, Artifactory

**Cloud** AWS, Cloudformation, Lambda, DynamoDB, StateMachines, RDS

**Utilities** IntelliJ, Xcode, VSCode, Eclipse, Git, Vim, ZSH

## Work Experience

### Jamf Software

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#### Senior Software Engineer

March 2023 – Present

- Developed a new code flow allowing us to deploy new features to customers without them needing to deploy new binaries
- Switched over to another team when asked for help and proceeded to lead even in a new language reducing our crashes to less than a quarter of what they were before.

#### Software Engineer 2

February 2021 – March 2023

- Designed and implemented a content delivery system that could be utilized by all customers while protecting private data
- Worked to create a certificate issuer proxy to help customers utilize external integrations

#### Software Engineer 1

December 2018 – February 2021

- Fixed complex certificate workflows and created ways for customers to customize their experience
- Worked on high level initiate to remediate customer issues around certificate renewal

#### Internship

June 2018 – December 2018

- Worked on the first release of a new product to customers

### University of Wisconsin - Eau Claire LTS

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#### Full Stack Developer (Internship)

May 2016 – June 2018

- Used Ruby on Rails, Sqlite, MySQL, SQL Server 2008, 2012, TypeScript, HTML, Sass
- Worked with clients to develop apps to meet their specifications
- Upgraded applications to use newer libraries and created reusable libraries
- Worked on multiple state deployments for the university system

#### Student

August 2015 - December 2018

- Bachelors of Science in Computer Science, Comprehensive

GPA: 3.75 Major GPA: 4.00

## Achievements

**Major League Hacking (Mad Hack 2019)** Entered [BrandonRoehl/babelON](https://www.madhacks.io/BrandonRoehl/babelON) won first place overall and won Google's best use of GCP when Google was sponsoring with GitHub

## Projects and Contributions

**Go MySQL Dump (jamf/go-mysqldump)** Go native MySQL dump that matches the existing utility

**A.L.E. (dense-analysis/ale)** Added Ruby linters and handlers. Before LSPs and I moved to Neovim

**ZSH-Clean (BrandonRoehl/zsh-clean)** ZSH Theme framework that works on all major plugin providers and directly in path. Is featured in [unixorn/awesome-zsh-plugins](https://github.com/unixorn/awesome-zsh-plugins) as "clean (brandonroehl)" was notified of this from a friend when it was brought up in zsh discussions

**TruBool (BrandonRoehl/TruBool)** A web app for teaching boolean gates and logic where you can draw and evaluate circuits

**Day & Night (AppStore)** macOS 10.13 High Sierra had no dynamic wallpapers and I wanted them and custom so I made this app. It has been updated to work with automator on macOS and newer versions where now it allows custom series of images in Apple's Core Data. Designed for older macOS since modern ones have this built in now.