

Garrett Farnsworth

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EDUCATION

Information Systems

Brigham Young University

BYU Marriott School of Business

GPA: 3.78

Association for Information Systems | Japanese Student Association

04/2023

Expected Graduation

PROFESSIONAL EXPERIENCE

Associate Software Engineer

Restaurant365

- Developed and deployed to production a **.NET Core API** and **React** project to grant customer service employees access to customer instances increasing efficiency by 60%.
- Created **REST-API CRUD** functionality for user accounts so that they could be accessed across micro services.
- Designed and implemented systems with **C#** in the **.NET Core** Framework to automate provisioning of user accounts across multiple **SQL** databases with **Azure AD** and **Microsoft Identity**.
- Resolved multiple backend errors for the Accounting side of the **SaaS** (Software as a Service) application that customer's reported.

10/2021 – present

Irvine, United States

Software Engineer Internship

Restaurant365

- Worked daily with engineers both overseas and on-shore utilizing **Gitlab**, **Agile development**, **SPRINT Planning**, and **CI/CID pipelines** with **Docker** and **NGINX**.
- Worked on incorporating micro-services such as **Microsoft Identity** to manage authentication flows.
- Managed multiple databases for client authentication utilizing **SQL** with **Azure Data Studio**.
- Utilized **NGINX** and **Docker** to mimic in the local development environment the production environment increasing developer efficiency by 80%.

05/2021 – 08/2021

Irvine, United States

PROJECTS

Photo Collage [↗](#)

<https://photobomb.garrettfarnsworth.com/>

- Developed and released a photo collage website utilizing **HTML**, **CSS**, **REST-API's**, **Vue**, **VIM**, **Express**, **Node**, **Mongoose**, and **MongoDB**.
- Personally hosted the site on a **virtual private server** using **DigitalOcean** and gained experience with dynamically hosting different sites on my server with **DNS** and **NGINX**.
- Implemented Authentication and Authorization for different users with **Express** and **Mongoose** to add and manage photos.
- Wrote **REST-API's** for **CRUD** functionality of managing photos using **Javascript**.

XKCD Comics Browser [↗](#)

<https://lab3a.garrettfarnsworth.com/>

- Developed and released a comic viewing site with **Vue** where users can add comments and rate a given comic.
- Fetched the XKCD API with **Axios** to update each web page with a different Comic.
- Secured the site using **Certbot** to automate the process of acquiring **domain certificates**.

Grocery Store Cart [↗](#)

<https://grocerycart.garrettfarnsworth.com/>

- Developed and released a Grocery Cart website using **Vue**, **HTML**, **CSS**, **Pure CSS**, **Font Awesome**, **REST-API's**, where users can add food items to a cart
- Utilized components in **Vue** to dynamically filter items from different countries.

SKILLS

C# | Javascript | NodeJS | Linux Command Line | HTML/CSS | NGINX | Docker | ASP.NET | SQL
ReactJS | Bootstrap | AngularJS | CI/CD Pipelines | Agile Methodologies | Object Oriented Programming