

Gonzaga University, Spokane, WA

Bachelor of Science: Computer Science,

Graduation: May 2020

TECHNICAL SKILLS AND PROJECTS:

Experienced in: React JS, ES6, JavaScript, TypeScript, HTML, HTML5, CSS, Material UI, Figma, Node, NPM, Sass, jQuery, SaaS, Python, C#, C++, C, SQL, Git, Redux, GoLang, Java, CICD, Linux, Microsoft Office

- Created a personal website, t-mcdonald.com, using React JS and Netlify to showcase my work and practice SEO.

WORK EXPERIENCE:**Front End Engineer**

November 2020 – Present

Netflix (via BlueInGreen), Remote

- Created a UI to replace and combine 4 internal management applications into 1. This tool aimed to offer all Netflix engineers, customer service, and external operation teams an all-in-one and easy-to-use portal for managing Netflix workforce and partner access control needs.
- Promptly Delivered on milestone goals over 5 quarters by using React JS, Typescript, Node and Material UI to maintain and develop an access control hub that went from 6-8 active users to 100's.
- Designed and developed a global omni-search bar for easy site traversal that cut average discovery time by half.
- Created versatile search result table components with custom filtering, sorting, and asynchronous infinite scrolling.
- On boarded 2 non-technical designers to project and collaborated to introduce accessible colorblind designs.
- Collaborated with a small team to create a scheduling tool that manages the creation and approval of billboard flights.
- Independently owned the frontend environment of a spring boot application.
- Worked with non-technical clients to translate there needs for the project and discover ways to address and develop them.

Technology Intern

May 2019 – August 2019

Kroger, Portland, OR

- Independently developed and shipped code to Kroger's website using React JS, Redux and Node.
- Implemented several mobile-first user interface designs to improve readability and user experience.
- Revamped cross browser testing strategies which identified a bug that was causing a 15% crash rate.
- Combined various order types into a shared component to reduced code redundancy and improve readability.
- Adapted an existing code base to work with a new data model while ensuring backwards compatibility.
- Utilized Scrum tools such as Jira, Confluence, GitLab, and Teams to organize group efforts and to collaborate with external teams in varying time zones.

Co-Founder*Adventure Game Works, Spokane, WA*

September 2018 – August 2019

- Created a web application using React, Bootstrap, and Node that allows customers to personalize their purchased games.
- Designed and tested a game manager user interface to ensure readability and improve the user experience.
- Successfully utilized game manager to run and test a trial game at Gonzaga University campus with 20 participants.
- Placed 2nd in both the Northwest Entrepreneur Competition and the Dempsey Startup Competition.

Software Development Intern*Softechnologies, Spokane, WA*

June 2018 – August 2018

- Created a detailed proposal for a client's project that was approved and used as a guideline throughout development.
- Developed a back end using MySQL and Amazon Web Services to store data and provide services for a mobile app.
- Provided technical support and customer service to new users and trained nurses for the EASE application.
- Took initiative and reached out to the company to create their first paid intern position.

LEADERSHIP & AWARDS:**College of Engineering Senator, Gonzaga Student Body Association, Spokane, WA**

August 2018 – May 2019

- Communicated with students, teachers, and faculty to provide transparency and represent a broad spectrum of opinions.

Dempsey Startup Competition, 2nd Place

May 2019

Northwest Entrepreneur Competition, 2nd Place

March 2019