ashley klein

(612) 770-7439   ✉ ashklein6@gmail.com   ⌂ ashleyklein.me   github.com/ashklein6

RELEVANT EXPERIENCE

Pikup (formerly Runerra) [Engineering Lead]
February 2019 – October 2020 // Minneapolis, MN
- Worked on a mobile application and server that connected users with neighbors running errands.
- Scoped and executed features on front-end and back-end including menus, deep-linking, and community structure.
- Piloted app design standardization, with a focus on accessibility.
- Managed iOS, android, and server deployments while maintaining test suites, incorporating a manual CI and CD pipeline, and conducting package upgrades.
- Technologies used: React Native, React.js, Redux, RxJS, TypeScript, GraphQL, Stripe, Node.js, and PostgreSQL.

Ashley Klein Photography [Owner, Photographer]
September 2018 – Present // Minneapolis, MN
- Demonstrate artistic vision while developing a unique and personal style.
- Communicate with clients to coordinate and understand their needs.
- Primary focus on portrait and wedding photography.
- Portfolio available at www.ashleyklein.photography

Prime Digital Academy [Full-Stack Software Development Student]
August 2018 – January 2019 // Minneapolis, MN
- ChillCal - Developed a mobile application independently that allowed users to connect with friends to see their friends' free times and easily make plans.
  - Technologies used: React Native, React.js, Redux, Sagas, Expo, Node.js, Express.js, Passport, and PostgreSQL.
- MarnitaConnect - Collaborated with 4 peers in an Agile environment to create a web application for Marnita's Table, a nonprofit that seeks to close gaps across difference by intentionally including and valuing people who are traditionally unheard and excluded at the policy-making and resource-sharing table.
  - Developed a web application with an editing suite that will allow Marnita's Table employees to input their research and analysis from their interactions. The information can be published and is then accessible to the public in an inviting, easy-to-navigate format.
  - Technologies used: React.js, Redux, Sagas, Node.js, Express.js, Passport, PostgreSQL, Chart.js, and Material-UI.

NorthStar Medical Technologies [Mechanical Engineer — Iosotope Processing]
June 2017 – July 2018 // Madison, WI
- Developed a dispensing system of a radioactive pharmaceutical through design and testing phases, including defining design inputs and system requirements.
- Designed and conducted testing of dispensing system's hardware and software components and implemented corrections to improve functionality.
- Contributed to writing and executing qualification procedures for dispensing system to be in compliance with 21 CFR Part 210 and 211.
- Participated in team process hazard reviews, including developing FMEAs.
- Performed 3D design and 2D drafting in SolidWorks.
- Followed cGMP and GDP best practices.

University of Wisconsin-Madison Athletic Department [Tutor]
September 2016 – December 2017 // Madison, WI
- Assisted students with academic material in various calculus, physics, and engineering courses.
- Received tutor certification from College Reading and Learning Association.

SKILLS

Programming Languages
Arduino, CSS, GraphQL, HTML, JavaScript (ES6), jQuery, SQL, TypeScript

Libraries & Frameworks
Express.js, Node.js, PostgreSQL, React, React Native, Redux, RxJS, Sagas, Stripe, TypeORM

Tools & Platforms
AWS (EC2, Elastic Beanstalk, S3), Firebase, Git, Heroku, Jama, Jira, Jest, Monday

EDUCATION

Prime Digital Academy
Full-Stack Engineering
Graduated January 2019

University of Wisconsin—Madison, College of Engineering
Bachelors of Science in Mechanical Engineering
Graduated May 2017

INTERESTS
- 🍴 Brunch
- ⛺ Camping
- 🏒 Hockey
- 📷 Photography
- 🧠 Psychology
- ❓ Trivia