

# Tyler J. Roberts

(262) 388-4050 | [tjroberts314@gmail.com](mailto:tjroberts314@gmail.com)

<https://www.linkedin.com/in/tyleroberts> | <https://github.com/tyler314>

## Experience

---

### Software Engineer & Project Manager

#### Copper + Honey Salon · Freelance

Feb 2023 – Present · Remote

- <https://www.copperandhoneysalon.com>
- Delivered fully functional website from scratch, leveraging AWS tools to quickly launch in time for the client's grand opening.
- Leveraged SEO techniques to optimize Google indexing, resulting in the website to be in the top results for hair extensions in the local area. Consistently getting 300+ clicks every month.
- Designed solution for the client so they can easily add and remove employees from the site, seamlessly working across all screen sizes. Giving my clients the autonomy to edit their employee page on their own, at any point.
- I work directly with the owners and an independent UX Designer, in order to design software solutions, create timelines, and conduct demos to deliver the best product for my clients' needs.
- *Tools & Technologies: AWS, Javascript, React.js, Material UI, SEO.*

### Software Engineer

#### Warner Bros. Discovery · Contract

Mar 2023 – Dec 2023 · Remote

- Within my first month I became a key team contributor by quickly becoming a part of on-call rotations, contributing to code reviews, and pushing code, allowing our team to meet the MAX launch deadline in May.
- Led efforts of designing novel integration tests, and setting up new Grafana monitoring + alerts for the team's new MAX services. Required research, cross-team collaboration and team sign-offs resulting in our new services meeting company SLA requirements.
- I became the lead engineer tasked with onboarding a new service from a re-org. Required collaboration with three away teams, to understand it and get the service running before my contract's end.
- General Operational Excellence. Served on-call shifts, performed load tests before big launches, contributed to documentation for the new services we were building.
- *Tools & Technologies: AWS, Typescript, Node.js, Express.js, Kafka, Grafana, Kubernetes + Docker*

### Software Engineer

#### Amazon.com · Full-Time

Dec 2019 – Jan 2023 · Seattle, WA

- Lead engineer delivering adapted responses for Smart Home requests. Features such as sharing customer insights, listing device capabilities, and having Alexa say "Good Morning / Night" when toggling a smart light.
- Developed Brief / Verbose Mode for ACMS. Allowed the authoring of responses targeted to customers who have their devices' setting turned on, or turned off. Designed the data format for the front-end, working with internal 3P teams to onboard them to this new service, and developed filtering logic to serve personalized responses based on the individual customer.
- Migrated all Alexa personality content from a legacy CMS, to ACMS/ARMS. A three month endeavor that required the development of bulk migration scripts, working closely with a select few engineers, PMs, and content creators across all supported locales. Had daily standups just for this project.
- Led the org in hiring engineers by conducting over 50 interviews in Q1 2022. Allowed the org to get a higher head count for hiring. Received the quarterly award for this effort.
- Social chair for the org, responsible for organizing quarterly events encouraging teammates to socialize outside of work. I felt this was especially important during the post-pandemic world where many teammates didn't see each other as often due to remote work.
- *Tools & Technologies: AWS, Kotlin, Javascript, React.js, CI/CD Code Pipelines, Git*

## Education

---

B.S. Computer Engineering, Computer Science, & Mathematics with Physics Certificate (minor).

University of Wisconsin - Madison, May 2017