

# Charles Hwang

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443-745-5945

charles.hwang@icloud.com

Minneapolis, MN 55401

[www.thischarles.com](http://www.thischarles.com)

[www.github.com/thischarles](https://www.github.com/thischarles)

[www.linkedin.com/in/hwangcharles](https://www.linkedin.com/in/hwangcharles)

## Profile

Experienced software engineer dedicated to shipping software that's practical, reliable, and user-centered.

## Work Experience

### Software Engineer – SPS Commerce

Since January 2021

Kotlin, React, TypeScript, Amazon Web Services

- ▶ Developed a platform that connects third party eCommerce platforms and online marketplaces to the SPS Commerce network
- ▶ Developed React apps and micro UI's to manage customer accounts, guide new customers in setting up accounts, and contributed React components to Woodland, SPS Commerce's public design system
- ▶ Provided technical and professional mentorship to co-op students from University of Waterloo, fostering rapid onboarding and independent contribution to key projects

### QA Functional Tester – Activision

May 2020 - December 2020

- ▶ Wrote bug reports in Jira and captured media with OBS Studio while testing Call of Duty: Black Ops Cold War and content for Seasons 0-4 during the COVID-19 pandemic
- ▶ Created and executed testing plans and coordinated QA testers and developers for daily play tests

### Software Engineer, Warehouse Management System – Target

March 2018 - September 2019

Groovy, Ratpack, Kafka

- ▶ Modernized Target's warehouse management system using microsystems to guide warehouse team members through inbound and outbound workflows

### Software Engineer, Cloud Platform Engineering – Target

August 2017 - March 2018

Java, Kubernetes, Docker, Google Cloud Platform

- ▶ Developed tools to automate and accelerate application deployments to private and public clouds for other Target development teams

### Software Engineer, Target Self Checkout – Target

January 2017 - August 2017

C#, .NET

- ▶ Developed Target's in-house Self Checkout software to reduce the need for third party vendors and created a more consistent and reliable self checkout experience for guests and team members
- ▶ Deployed Self Checkout in August 2017 for all Target stores (1500+) across the country

### Junior Software Engineer – GP Strategies

June 2015 - November 2016

JavaScript, jQuery, Node.js, Express

- ▶ Developed the John Deere Service Advisor 5.0 web application, a diagnostics tool for John Deere dealers and technicians
- ▶ Designed and developed web services using Express to interact with the Node.js local server solution for SA 5.0's offline mode and hardware diagnostics software

## Education

University of Maryland, Baltimore County - Bachelor of Science, Computer Science - 2014