Alec Carpenter
Detroit, MI · Software Engineer

(248) 971 - 3661
alecgunnar@gmail.com
aleccarpenter.com

Summary

A well-rounded, full-stack software engineer with in-depth experience of the full Software Development Life Cycle. I am passionate about delivering high-quality software products that create real value for their users.

Experience

02/2020 - Present

Software Engineer, General Motors

- Developed decoder for connected vehicle messaging protocol to enable rapid debugging of system issues. The time taken to decode went from 15-30 minutes down to a few seconds.

10/2019 - 02/2020

Software Engineer, HomeAdvisor

- Guided a testing strategy which empasized the quality and scope of the tests rather than just the coverage provided.

02/2017 - 09/2019

Software Engineer, Ford Motor Company

- Led software engineering team focused on delivering customer-centric user experience.
- Derived value from user feedback as a member of balanced product teams.
- Contributed to the evolution of Ford into the *Most Trusted Mobility Company* by demonstrating the value of customer research and customer-centric software development.
- Continuously delivered high-quality and fully tested code.

05/2016 - 02/2017

Software Engineer, Quicken Loans

- Iterated over changes requested by the business to deliver the best online mortgage experience.
- Built libraries of shared business logic to make available to other internal applications.

Summers of 2012 - 2015

Software Engineering Intern, Quicken Loans

- Summer software engineering internships in 2012, 2013, 2014, and 2015.

Education

09/2012 - 04/2016

3.21 GPA

B.S. Computer Science, Western Michigan University

- Achieved recognition of acedemic excelence twice on the Dean's List. (GPA > 3.5)
- Participated on the Suneeker Solar Car Project as Webmaster.

Skills

Practices

TDD	Advanced
Paired Programming	
Agile, Lean, and XP	Intermediate

Languages

Java & Kotlin	
JavaScipt	Advanced
HTML & CSS	
Ruby	Intermediate
PHP	
C	Familiar
MySQL	

Frameworks

SpringBoot	
JUnit	Advanced
Vue	
Mocha	
React	Intermediate
Angular	Familiar
Ruby on Rails	

Tools & Services

Git	Advanced
Unix Sys.	
Jenkins	Intermediate
PCF	
AWS	Familiar