

# Will Schnicke

Software Engineer

@wschnicke@live.com

(513) 509-2985

in willschnicke

wschnicke



## Education

The Ohio State University  
B.Sc. in Computer Science and Engineering

Graduated May 2019

3.7 GPA, Minor in Philosophy

## Skills

JavaScript TypeScript Java  
C HTML MATLAB Python  
Kotlin

React Angular node.js  
Redux Jest Enzyme CSS3  
SASS i18next

git Unix AWS REST  
SOAP object-oriented design  
functional programming

## Projects

Business Reports Dashboard  
Capstone

Designed and built a business analytics tool for sponsoring business, using Angular and node.js

FEH Robotics Course Store

Re-designed course parts store with real time order and inventory updates

## Personal Interests

Guitar Philosophy Skiing  
Rock Climbing Disc Golf  
Improv Music Education  
Board Games

## Experience

Amazon.com

Software Development Engineer

Started August 2019

Seattle, WA

Seller Apps team creating the Marketplace Appstore

- Created text search functionality to improve discoverability of apps
- Added suite of client metrics tooling to allow our team to collect and analyze how users interact with our sites enabling the collection of over 10,000 metrics data per day
- Designed and developed an analytics page to give developers insights into their app's performance on the appstore, using client metrics and usage data
- Built improved feedback request system that increased response rate by over 550% by recording behavior and prompting when conditions were met

TypeScript Java React Redux AWS Jest Enzyme REST

Amazon.com

Software Development Engineer Intern

Summer 2018

Seattle, WA

Project—Manage Your Apps for Marketplace Appstore

- Provided centralized control of programmatic accesses to seller data by building app management page
- Improved seller experience by creating single view for all authorized apps
- Developed internationalization plan alongside product management team to enable rapid expansion to over 30 marketplaces
- Promoted code quality by creating linting rules and accessibility monitors

TypeScript Java React Redux Jest Enzyme REST i18next

Engineering Education Department, OSU

FEH Undergraduate Teaching Assistant

May 2016-May 2019

Columbus, OH

- Designed autonomous robotics competition software, database, and website
- Assisted instructor in honors intro programming and engineering course
- Instructed students in software fundamentals in MATLAB, C/C++, and Excel

Education C C++ MATLAB Excel C# ASP.NET SQL

GE Aviation

Engineering Intern

Summer 2017

Cincinnati, OH

- Developed pilot program with Google Glass and smart tools to improve quality and efficiency in assembly by providing instructions on heads-up display
- Converted jet engine assembly instructions from old Powerpoint and Word format to be rendered on Google Glass using Python
- Analyzed human factors of engine maintenance using Siemens Jack 8.4

Python Google Glass AR Project Management