

# Stephanie Qie

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## Education

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### University of Maryland, College Park

August 2018 – May 2021

Bachelor of Science in Computer Science, Minor in Statistics, GPA: 3.747

Relevant coursework: Introduction to Machine Learning, Computer and Network Security, Programming Handheld Systems (iOS), Advanced Data Structures, Bioinformatic Algorithms, Databases, and Tools, Introduction to Data Science

## Experience

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### Microsoft

Redmond, WA (Virtual)

*Software Engineer Intern* - D365 Commerce, Site Builder Team

May 2020 – August 2020

Worked on generating thumbnails for Pages and Page Fragments to improve search and discoverability in the Site Builder tool (C#, TypeScript, React, Angular)

- **Services:** Handled capturing screenshots for thumbnails and storing/updating thumbnails in the backend
- **UX:** Worked on routing for API calls, displaying thumbnails in the right-rail for inspectors and picker dialogs, and creating a thumbnail view for pages and fragments

### Intuit

San Diego, CA

*Software Engineer Intern* - TurboTax Mobile Team

May 2019 – August 2019

- **TaxCaster App (iOS):** Fixed VoiceOver accessibility features for the date picker cells, toggle cells, and switch cells (Swift)
- **SmartLook for TurboTax App (Android):** Created views from designs on Zeplin, made animations for the agent view, handled features for landscape and tablet modes, and integrated code functionality into a model-view-controller pattern (Kotlin, Java)

### National Institute of Standards and Technology

Gaithersburg, MD

*Intern* - NIST Center for Neutron Research

June 2017 – August 2017

Created a combined module feature that represents a collection of modules that are linked together as inputs and outputs for the Dataflow Diagram Editor (JavaScript, HTML, CSS)

## Projects

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### MyRecipes

(<https://github.com/sqie/MyRecipes>)

An iOS app that stores and displays users' food recipes using Core Data (Swift)

### What Makes Movies Earn More Money?

(<https://github.com/npateel/npateel.github.io>)

A data science notebook that explores the factors that influence a given movie's revenue through data tidying, exploratory data analysis, and machine learning for predictions (Python)

### Snowball

(<https://github.com/sqie/snowball>)

A 2D game that involves moving on a grid to avoid being hit by incoming snowballs (Java)

## Skills

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### Languages

Java • Python • C • Swift • C# • TypeScript/JavaScript • HTML/CSS • Ruby • Kotlin

### Web

React • Angular • Bootstrap