

# CODY BENDER

## Software Engineer

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### EXPERIENCE

#### Scrum Master

- Zions Bancorporation**    📅 01/2019 - Ongoing    📍 Salt Lake City, UT
- Converted Access database to an internal web application built with React, Node.js/Express, and MySQL
  - Working alongside agile teams to develop a modern, efficient core banking software ecosystem
  - Lead architecture review sessions for pattern determinations, and pushed teams to adopt a more agile mindset during our transformation as an organization

#### Business Transformation Analyst

- Zions Bancorporation**    📅 08/2018 - 01/2019    📍 Salt Lake City, UT
- Worked in overall program management planning the FutureCore R3 program
  - Developed a resource planning system in Microsoft Excel that tracked the allocations of a massive multi-year project
  - Developed database in Microsoft Access to track source-to-target file movements through the system, utilizing forms for an easier UX

#### Enterprise Retail Banking Intern

- Zions Bancorporation**    📅 04/2018 - 08/2019    📍 Salt Lake City, UT
- Delivered valuable insight for branch openings as well as ATM strategy, leveraging Python and ArcGIS for data analysis and representation

#### Graduate Student Researcher

- University of Utah**    📅 06/2015 - 07/2017    📍 Location
- Designed novel synthetic routes to an antibiotic natural product in order to investigate the properties of it's binding to the ribosomal P-site

### PROJECTS

#### QMK Firmware

- Open-source mechanical keyboard firmware
- Added new keyboard support to the project, written in C and Makefile
  - Added converter CLI subcommand, written in Python
  - Added directory context sensitive compile CLI subcommand, written in Python
- 🔗 [github.com/qmk/qmk\\_firmware](https://github.com/qmk/qmk_firmware)

#### FutureCore Release 3

- 📅 08/2018 - Ongoing    📍 Location
- Replacing the core banking system with a modernized software package built in conjunction with Tata Consultancy Services

### VOLUNTEERING

#### Cat Care Volunteer

- Humane Society of Utah**    📅 03/2019 - Ongoing
- Weekly care for the cats that are up for adoption at HSU

### SKILLS

ES6 JavaScript	Node.js	React		
Express	TypeScript	HTML/CSS		
yarn/npm	MongoDB	SQL	jQuery	
Python	Git	Jest	Rust	Docker

### EDUCATION

#### Full-Stack Flex Certificate

- University of Utah Professional Education**
- 📅 06/2019 - Ongoing    📍 Salt Lake City, UT

#### Master of Finance

- University of Utah**
- 📅 08/2017 - 08/2018    📍 Salt Lake City, UT

#### Master of Organic Chemistry

- University of Utah**
- 📅 06/2015 - 07/2017    📍 Salt Lake City, UT

#### Bachelor of Chemistry

- Appalachian State University**
- 📅 08/2011 - 12/2014    📍 Boone, NC

### PASSIONS

- 🔗 Functional Programming
- 🔗 Mechanical Keyboards
- 🔗 3D Printing

### FIND ME ONLINE

- 🔗 GitHub  
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