Jason Carlson

Tempe, Arizona 85281
M: 917-439-0051
jcarlson212@gmail.com

Summary

Mathematics and Computer Science student seeking internship to gain hands-on experience. Strong technical proficiency with work history in programming. In-depth knowledge of advanced Mathematics coupled with programming and problem-solving abilities. Can work well with others and wants to learn more.

Education and Training

Expected in 2021	**Arizona State University**	Tempe, AZ

Master of Arts: **Mathematics**

- 4.0+ GPA

2020	**Arizona State University**	Tempe, AZ

Bachelor of Science: **Mathematics**

- 3.9 GPA
- Took 12 graduate-level Math courses as an undergraduate, namely: Real Analysis 1 (A), Real Analysis 2 (A+), Abstract Algebra 1 (A), Abstract Algebra 2 (A), Functional Analysis 1 (A), Functional Analysis 2 (A), K-Theory for C*-algebras (A), Geometry/Topology of Manifolds 1 (A+), Geometry/Topology of Manifolds 2 (A), Introduction to Graph Theory (B), Differential Equations 1 (A-), C*-algebra Seminar (Pass).
- Started taking graduate courses in Math as a Sophomore.

2020	**Arizona State University**	Tempe, AZ

Bachelor of Science: **Computer Science**

Skills

- Experience with C++/Javascript/Python/HTML/CSS/Java.
- Mobile App Development using react-native and Xcode.
- Working with Databases – specifically Firebase, DynamoDB, and PSQL.
- Problem solving: Passed four qualifier exams in Math in undergrad.
- Experience with Bootstrap, Flask, React, Redux, Ajax, and Git.

Experience

May 2019 to July 2019	**Axosoft**	Scottsdale, AZ

Software Developer Intern

- Worked closely with other interns to identify and remove software bugs.
- Created most of their Release Notes Tab that over 100,000 people use daily now.
- The main technologies/libraries used were React, Git, NodeGit, and Redux.

August 2017 to December 2017	**Arizona State University**	Tempe, AZ

Math Tutor

- I helped students with Calculus 1, 2, and 3, Differential Equations, Linear Algebra, basic Probability theory, and Combinatorics.

Projects

- IOS app that works with Google Firebase. Users can schedule appointments, create/change their profile picture, change their display name, unschedule appointments, etc.
- In my Intro to AI class, we did the Berkley Pac-Man projects (http://ai.berkeley.edu/project_overview.html). I got an A in this class.
- Several websites that communicate with some database (DynamoDB/Firebase) to store basic account-related information. I have a little bit of experience in SQL.
- Github link: https://github.com/jcarlson212