

# Rohan Upponi

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## OBJECTIVE

New graduate software engineer that loves difficult challenges and learns by building. I enjoy regularly working on side projects and aim to bring the same personal dedication to any opportunities as a new graduate software engineer.

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## EXPERIENCE

### Capstone Intern at Scientific Technologies Corporation (STC)

(August 2018 – May 2019)

- Developed API and interface for backend AWS Lambda services.
- Set up CDN delivery of front-end web application using AWS CloudFront for hosting.
- Automated AWS infrastructure for immediate deployment and simple scaling of the backend services using AWS CloudFormation.

### Software Development Intern at Intel Corporation

(May 2018 – May 2019)

- Developed an extensive unit-level testing framework that eliminated firmware scaling issues and improved widespread error detection across firmware for Intel Optane through development of extensive unit-level testing using the Unity testing framework.
- Wrote hardware optimizations through close communication with hardware team on detailed hardware specifications.

### Undergraduate Research Assistant at CUBIC@ASU

(January 2018 – June 2018)

- Developed and tested a GUI to interface with haptic sensors integrated into multiple projects aimed at guiding the visually impaired.

### Software Development Intern at Arizona Supreme Court

(June 2017 – August 2017)

- Created a GUI viewing tool for querying a SQL database of court cases, streamlining front-end interaction with digital database and formatting cases to different templates based on case type.
- Created and implemented test scripts to debug the v 47.0 system update of the Supreme Court Case Management System.

### Undergraduate Teaching Assistant at Arizona State University

(January 2017 – May 2017)

- Improved student grades by an average of one letter grade through hosting crash-course review sessions for students outside lecture to aid in developing more intuitive understanding of object-oriented programming with Java.

## SKILLS

### Programming Languages

Java, C++, C (*proficient*)  
Python, SQL (*experienced*)  
HTML, CSS, Javascript (*experienced*)

### Platforms

Google Cloud Platform  
• Google Firebase, Firestore  
Amazon Web Services  
• Lambda, API Gateway,  
CloudFront,  
CloudFormation

## EDUCATION

### Arizona State University

(Fall 2015 – Spring 2019)

Bachelor of Science in  
Computer Science  
*Cum Laude*  
Cumulative GPA: 3.41

## PROJECTS

### Scriber

An Android application that allows users to create personal medical portfolios and archive easily forgotten medical information to have easy access to in medical visits.

### FyBar

A Chrome extension built using the Spotify Web API to offer easy access to Spotify Web player playback.