

Roland Shen

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Education

University of Southern California

B.S. Computer Science/Business Administration

May 2022

GPA: 4.0/4.0

Saratoga High School

Activities: Student Government VP, Newspaper News Editor, 3-time hackathon hacker

Aug 2014 – June 2018

GPA: 4.2/4.0

Technical Skills

Highly Proficient: Swift, Java, Git

Proficient: C++, JavaScript, React, HTML, CSS, jQuery, Node, Express, MongoDB, Sketch, XD

Experience

Software Engineering Intern

Apple Inc.

May 2019 – Aug 2019

Cupertino, CA

- Wrote developer content and sample code for tvOS and SiriKit on Developer Publications team.
- Collaborated with tvOS, SiriKit, Core OS, Localization, Maps teams for content production/code review.
- Constructed 5 sample code projects, documented 8 new features/classes, curated 1 full framework.
- Helped define and establish internal procedure for documenting JSON based symbols.

Mobile Development Instructor

TechLab Education

June 2018 – Aug 2018

Saratoga, CA

- Taught Swift and auto-layout to 5 middle/high school students per week.
- Developed course curriculum, schedule, and sample projects from scratch.

Software Engineering Intern

Edu.Chat

June 2017 – Aug 2017

New York, NY

- Implemented RESTful APIs, refactored code to use Swagger SDK.
- Adhered to agile development practices, collaborated with team using Git.
- Developed key features of mobile app including chat list and invite feature.

iOS Developer

Make School

June 2016 – Aug 2016

Sunnyvale, CA

- Learned iOS app design and development along with startup practices.
- Built 3 full iOS applications in duration of bootcamp.

Projects

MeetPass (<https://meetpass.io>)

- Web/mobile cross-platform application that uses QR codes to share contact and social media info.
- Built custom backend/RESTful API in Node and Express; data stored in MongoDB.
- Featured as top 5 product of day on ProductHunt.

Flare (App Store URL: <https://apple.co/2HA9mkb>)

- Location based Q&A network aimed to bring together local communities.
- Made use of Parse database, web sockets for live chat, functional social media platform.

Transcribe (App Store URL: <https://apple.co/2TpZY48>)

- Mobile speech to text transcription intended to hasten journalists' reporting process.
- Tool used by various reporters including award winning Falcon Newspaper staff.

Involvement

Board Member

SparkSC

Jan 2019 – Present

- Worked on initiatives to inspire culture of innovation at USC and in greater LA area.
- Built USC Hackers, a community of entrepreneurially minded builders and thinkers.
- Organized Project Launch, a mentorship program for underserved high school students.

Software Engineer, Co-Founder

LavaLab

Feb 2019 – May 2019

- USC's premier startup incubator; was a full stack developer on a team with a PM and designer.
- Developed a mobile-first CRM for gig workers. Won judge's award for best product at demo night.