

SHIVAUM KUMAR

WORK EXPERIENCE

Sept 2019 -
Present

iOS Software Engineer Intern

Mimestream, Bay Area, CA, *a mail app with intelligence*

Working remotely for startup Mimestream during the fall as an iOS engineer to help bring the OS app to the App Store by the Dec 2019 launch date

Jun 2019 -
Sept 2019

Software Engineer Intern

6d Bytes, Sunnyvale CA, *an autonomous robot that blends smoothies*

Developing robot code to improve logic and efficiency to enhance robot productivity. Developed a new AI logic to autonomously create a « wow » smoothie which would appeal to customers based on a survey taken within the mobile app interface. All software uses Python.

Sept 2018 -
Present

Research Assistant at University of Washington

Personal Robotics Laboratory, Seattle WA, *assistive robot feeding people with disabilities*

At the Paul G. Allen School of Computer Science, created robot logic for testing to skewer a food item and autonomously remove the item from the fork. Learning about ML frameworks including TensorFlow and the ROS (Robot Operating Systems) libraries. Published paper: The International Symposium on Robotics Research in Hanoi, Vietnam in October 2019

Oct 2018 -
Jan 2019

iOS Software Engineer Intern

HandiMaps, Seattle, WA, *help people with disabilities to navigate indoors within buildings*

Lead iOS engineer in building iOS app for this startup. All software using Swift and Firebase.

June 2018 -
Sept 2018

Software Engineer Intern

IoTium, Santa Clara CA, *the First Secure Edge-Cloud Infrastructure Company*

Wrote tracking script using FedEx API and implemented email automation. Created AWS account automation scripts using boto3 library. All backend services using Python and Javascript.

June 2015 -
Present

President and Co-Founder

Silicon Valley Young Coders Club, Silicon Valley CA

Trained over 2000 students and launched 100+ startup projects. Aimed at the community middle school and high school students to learn coding and entrepreneurship via startup bootcamps. Conducted in 12 locations of California and Charlotte NC.
www.SiliconValleyCoders.org

EDUCATION

2018- 2022

University of Washington, Seattle

B.S. in Computer Science, expected June 2022

2014- 2018

Saratoga High School

Class of 2018, National Merit Semifinalist

SKILLS

Python (Django, Selenium), **Java**, **TensorFlow**, **ROS**, **iOS**, **Swift**, **C++**, **SQL**, **Datalog**, **Android**, **Javascript** (React, Node), **Bash**, **AWS**, **Neo4j**, **HTML**, **CSS**

PROJECTS

- **Saratoga Chamber App**, an iOS app platform for the city of Saratoga's Chamber of Commerce with marked locations and direct access to Chamber events. Currently on the App Store with 2000+ downloads.
- **Silicon Valley Young Coders Club**, a non-profit initiative, entrepreneurship bootcamp, and organized three annual Youth Tech Days for SV students to learn from industry executives, and demo their product prototypes at pitch fest
- **Hearthmap**, an iOS app on the App Store that collects geolocation data and displays hotspots of both the user and other users around the area

TECH EDUCATION

- **University of Washington** – Introduction to Database Systems, Introduction to Artificial Intelligence and Machine Learning, Data Structures and Algorithms in Java
- **Stanford Course** – Statistics for AI, ML, and Data Science: An Introduction (2018)
- **Stanford Pre-Collegiate Camp** – Robot Programming (2016)

ACTIVITIES

- Eagle Scout, Troop 581
- UW Husky Marching Band
- LA Hacks – UCLA (2018)
- HS Hacks – Palo Alto (2017)
- Alto Sax Section Leader at Saratoga High Marching Band
- De Anza Force Competitive Soccer (2008-2018)