



Sonal Sarin



Summary

Highly motivated and detail-oriented upcoming Computer Science graduate with 4 years of combined experience in Software Development and Testing. Seeking to leverage exemplary leadership skills, analytical skills, and coding skills as a Software Developer for Acorns.



Experience

03/2015 - present

Microsoft Student Partner

Microsoft

- Responsible for being the Student Technology Leader representing Microsoft on campus.
- Presented technical workshops on Web Development (**HTML**, **CSS**, **Javascript**, and **Azure**) and **Unity 2D** Game Development for an audience of 50-100 students.
- Developed a technical community on campus with ~120 members.

01/2015 - 05/2017

Supplemental Instruction Leader

California State University, Fullerton, Computer Science Department

- Led weekly study sessions for students in Lower Division Computer Science Courses.
- Mastered students on the topics of: **Object-Oriented Programming**, **Object-Oriented Analysis and Design**, **Data Structures**, and **Sorting/Searching Algorithms**.
- Increased student's grade by 1.5 letter grade.



Projects

08/2017 - 12/2017

Software Tester for Amazon.com

- Performed **Data-Driven Automation Testing** on a variety of features present on Amazon.com using **Selenium**, **Visual Studio 2015**, and **C#**.
- Features included: ability to add to cart, view the cart, visit the item's description page, etc.

08/2017 - 10/2017

Lexical Analyzer

- Programmed the first phase of a compiler (i.e. Lexical Analyzer) in **Java** that parses a text file to identify regular expressions of a made-up programming language (RAT17F).

01/2017 - 05/2017

Nutrition Tracker

- Developed a "Nutrition Tracker" in **Java** for the **Android Mobile Platform** that allows users to track the food and calories they ate during the course of the day.

03/2017 - 04/2017

Encrypt/Decrypt Text in Image

- Coded a **Python** program that can encrypt a user-specified text and/or text file inside a user-specified image and then decrypt that information from the image.



Personal Info

Github

<https://github.com/sonal2>

LinkedIn

www.linkedin.com/in/sonalsarin

E-mail

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Phone

(714)-932-8094



Skills

Programming Languages

(Proficient)

- Java, C++, Python, C#, HTML, CSS, JavaScript, SQL

Software/Systems

- Github, Github Desktop, Visual Studio, Unity, Linux, Azure, Eclipse, VirtualBox, Atom, Node.js

Hard Skills

- Object-Oriented Analysis and Design, Object-Oriented Programming, Data Structures and Algorithms

Business Skills

- Communication and Leadership: can conduct events and speak in front of a large group



Education

08/2014 - present

California State University, Fullerton

- Upcoming graduate in Bachelor of Science, Computer Science (May 2018)
- 3.59 GPA
- Dean's List (5 semesters)