

# Christopher Gunter

SOFTWARE ENGINEER

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## EDUCATION

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### University of California, Santa Cruz

Expected Graduation: June 2020

Bachelor of Science in Computer Science

Major GPA 3.71 GPA 3.71

**-Relevant Coursework:** Introduction to Programming (Accelerated) (Java), Introduction to Data Structures (C), Discrete Math, Algorithms and Abstract Data Types, Computer Architecture, and Introduction to Networking and the Internet.

**-Courses in Progress:** Algorithms and Abstract Data Types, Introduction to Data Systems, and Introduction to Software Engineering.

## PROJECTS

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### Santa Rosa Academy IOS App (Independent)

- Developed an app using a combination of Swift 2.0 and Xcode.
- The objective was to access important school information and upcoming events in my high school.
- Implemented a Parse server so users could receive remote notifications reading events or changes.
- Using MVC Architecture data with a table display giving students a connection with their teachers.
- Link Demonstration of this App: <http://tinyurl.com/y6vtac94>

### Banhammer (School Project / Intro to Data Structures)

- Using a combination of C and Lex to write this program for Data Structures Class.
- The objective was to input each word and stream it through 2 Bloom Filters and a Hash Table, to identify every "bad" word, if the words pass through both. It then sends a word to either badspeak.txt or newspeak.txt. If the word doesn't match in either file, it will send out a messaging identifying any "bad" word and its translation.

## PAST EXPERIENCE

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### Seafood (Start-up) June 2017 - November 2017

- Creating an iOS version App to assist Restaurants in displaying their menus, daily specials, and photos for their customers to view.
- The team made up of four developers and one Business person.
- The iOS version of this App was able to receive and display JSON requests from a server.
- Link to Demonstration of App: <https://tinyurl.com/yb7glgb5>

### Engineering Internship (City of Meniffee) January 2016 - May 2016

- Intern position with the City of Meniffee, Senior year of High School.
- Assisted filing paperwork and traffic reports in the Civil Engineering Department
- Scouting potential building locations with the Engineers within newly developed city.

## PROGRAMMING SKILLS

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**Languages:** C, Swift, Java, Python, MIPS Assembly **Technologies:** Xcode, VIM, Git, Lex

