

# Blayde Omura

📍 San Francisco, California ✉ [bmomura@dons.usfca.edu](mailto:bmomura@dons.usfca.edu) ☎ (808)722-0683 **in** Blayde Omura

🌐 [github.com/blaydeomura](https://github.com/blaydeomura) 🌐 [blaydeomura.com](https://blaydeomura.com)

## EDUCATION

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### B.S., Computer Science

University of San Francisco

2020 – 2024

San Francisco, CA

- GPA: 3.82; Dean's Honor Roll (2020-2022)
- Coursework: Data Structures and Algorithms, C and Systems Programming, Computing Mobile Apps, Discrete Math, Calculus, Introduction to Computer Science I & II
- Association for Computing Machinery: student led organization that promotes the study and advancement of computer science through various events, peer tutoring, and other activities

## PROGRAMMING LANGUAGES

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- Proficient in Java, Advanced beginner in C, Beginner in Python, Novice in HTML, CSS, and JavaScript

## PROJECTS

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### Website Crawler

Back End Software Developer

- Constructed a Java web crawler that swiftly processes and filters a user-specified URL using a customizable property file
- Analyzed and summarized statistical information about the crawl, including the most common words, the longest words, and the total number of words processed, using various Java libraries such as JSoup

### Actor's Movie Wall

Back End Software Developer

- Created a Java program that efficiently searches a CSV file of 5000 popular movies using a binary search algorithm, and displays an actor's filmography
- Developed a simple user interface and recommendation algorithm using custom logic to enhance actor searches to provide alternative results when an actor is incorrectly requested

### Climate Data Analysis

Back End Software Developer

- Utilized the speed and power of C to effectively process and analyze vast amounts of weather data from NOAA's North American Mesoscale Forecast System
- Precisely formatted and presented the results in the specified manner, including eleven lines of data for each state, such as average humidity, temperature, and lightening strikes

### Birthday Database

Back End Software Developer

- Crafted a Java program that utilizes object-oriented programming, interfaces, and polymorphism to organize and maintain a birthday database
- Facilitated the program with the ability to read from and write to a text file, allowing for persistent storage and access to the database even after the program terminates

## PROFESSIONAL EXPERIENCE

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### Resident Advisor

University of San Francisco

Aug 2021 – present

San Francisco, CA

- Supervise and mentor 40+ students within dormitory living space and is available 24/7 to an additional 350+ residents to resolve issues regarding mental health, academics, social conflicts, etc.
- Develop leadership, communication, and problem-solving skills through coordinating 6 floor-wide events throughout the school year to foster relationships between residents, provide information to campus-wide resources, and curate an inclusive living environment

### Search Engine Optimization Intern

Interrupt Media

May 2021 – Aug 2021

San Francisco, CA

- Leveraged search engine optimization strategies to enhance the Domain Ranking and online visibility of clients using Pitchbox's link building platform
- Sifted through hundreds of websites and sent out 50+ daily emails to prospectively connect Interrupt Media with partners and clients, effectively increasing business opportunities

### Customer Service and Appointment Coordinator

State Farm

Dec 2020 – Aug 2021

Kahului, HI

- Engaged with clients daily through effective communication, regularly processing payments, and reviewing insurance opportunities while striving for customer satisfaction
- Learned the use of Salesforce's ECRM system to efficiently schedule appointments and meetings between an insurance agent and his clients, enhancing the customer experience and relationship management