

# Justin Akrami

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## EDUCATION

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UNIVERSITY OF CALIFORNIA AT SANTA BARBARA

Expected June 2019

Candidate for Bachelor of Sciences, Computer Science

**Coursework:**     *MATH 4A* – Linear Algebra                      *MATH 4B*– Differential Equations  
                         *MATH 6A* – Vector Calculus                      *PSTAT 120A* – Probability and Statistics  
                         *CS 61BL* – Data Structures and Algorithms (Taken at University of California, Berkeley)

**Awards:**            *AP Scholar With Distinction Award:* Awarded to select students who excelled on College Board's Advanced Placement Tests.

## TECHNICAL SKILLS

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- **Programming Languages** – C, Java, Python, Scheme, HTML, C++, CSS, R, Javascript
- **Other Languages:** Farsi (Fluent), Pashto (Elementary)
- **Software:** IntelliJ, Git, Bash

## WORK EXPERIENCE

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COLDWELL BANKER, Walnut Creek, CA

May 2015 – August 2015

**Title:** *Financial Analyst Intern*

- Provide clients with advice on loans and budgeting
- Explain housing contracts, appraisals, and other real estate terms to potential new buyers
- Perform financial analysis on offers and loans

UCSB OFFICE OF FINANCIAL AID AND SCHOLARSHIPS, Santa Barbara, CA

Sep 2016 – Present

**Title:** *Peer Aid and Scholarship Analyst*

- Process university student scholarships and enter deposits into CashNet software.
- Contact work study departments to ensure payment to students
- Seek new local companies to enter partnerships with the university.

## PROJECTS

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**GITLET (Finished: Java)**

- Designed and developed from scratch a small-scale version control system based on Git that saves/restores files and manipulates branches via the command line
- Built fully in Java and maintains efficient time and space complexities with the use of serialization and deserialization.

**AUTOCOMPLETE (Finished: Java)**

- Implemented a Ternary Search Trie with a priority queue that provides autocomplete functionality for a given set of terms and weights.
- Optimized data structure usage in order to create maximum efficiency.

**PERSONAL WEBSITE: justinakrami.github.io (In Progress: HTM, CSS, JavaScript, jQuery)**

- Personal Website built from scratch using self-learned programming languages.
- Will be implementing more effects with the use of JavaScript and jQuery

